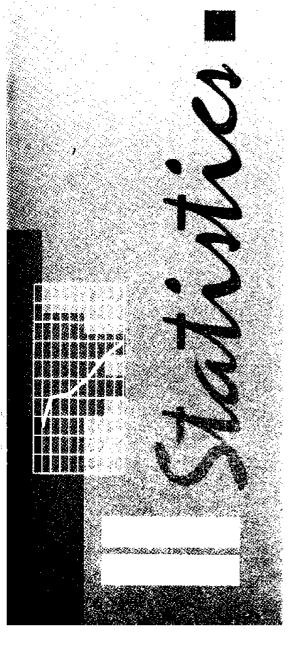
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EMBARGOED UNTIL 11:30 AM WEDNESDAY 31 JULY 1996

ASCO — Australian Standard Classification of Occupations

Information Paper



ABS Catalogue No. 1221.0

EMBARGOED UNTIL 11:30 AM WEDNESDAY 31 JULY 1996

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NOTES

RELATED PUBLICATIONS

Users may wish to refer to the following publications which relate to the Australian Standard Classification of Occupations (ASCO) Second Edition and which will be progressively available for sale from the end of the first quarter of 1997:

Australian Standard Classification of Occupations (ASCO) Second Edition (1220.0)

ASCO Manual Coding System: Occupation Level (1227.0)

Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

INQUIRIES

For further information about the contents of this publication, contact Wendy Piper on Canberra (06) 252 5757 or any Australian Bureau of Statistics (ABS) State office.

W. McLennan Australian Statistician

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AUSTRALIAN STANDARD CLASSIFICATION OF OCCUPATIONS SECOND EDITION

INTRODUCTION

This publication provides an introduction to the Second Edition of the Australian Standard Classification of Occupations (ASCO). It broadly describes the conceptual basis of ASCO and provides an overview of the ASCO Second Edition classification structure and its coding system. The relationship of ASCO Second Edition to the First Edition is discussed and it is also compared to the International Standard Classification of Occupations (ISCO–88) and the 1990 New Zealand Standard Classification of Occupations. Plans for implementing the Second Edition in ABS statistical collections are outlined as are the further ASCO publications and electronic products that will be provided.

THE DEVELOPMENT AND USES OF ASCO FIRST EDITION

The development of ASCO First Edition as the Australian standard for classifying occupations was undertaken jointly by the Australian Bureau of Statistics (ABS) and the (then) Department of Employment and Industrial Relations. The project began in 1978 and ASCO First Edition was introduced progressively into ABS collections from May 1986, replacing the previously used Classification and Classified List of Occupations.

ASCO First Edition was used in all ABS censuses and surveys where occupation data were collected, including the 1986 and 1991 Censuses of Population and Housing, the Labour Force Survey and the Survey of Employee Earnings and Hours.

In 1990 ASCO First Edition was introduced into ABS administrative by-product collections such as births, deaths, marriages and divorces. ASCO First Edition is also used to code occupation responses on visa applications and passenger cards to produce occupation statistics on overseas arrivals and departures.

Major government agencies such as the Commonwealth Employment Service, the Department of Immigration and Multicultural Affairs (DIMA) and Comcare incorporate ASCO in their reporting systems. ASCO is the specified standard for the reporting of workplace accidents under the revised *Regulations of the Occupational Health and Safety (Commonwealth Employment) Act 1991.* Other organisations in both the public and private sectors use ASCO to sort and organise occupation-related information for such purposes as policy development and review, human resource management, and labour market and social research.

REVIEW OF ASCO FIRST EDITION

Widespread industry and award restructuring, technological change and competency-based approaches to career entry and progression have brought about significant occupational changes in the Australian labour market in the ten years since ASCO First Edition was developed.

In order to maintain the relevance of ASCO as the national occupation standard, and to ensure that ABS statistics are relevant and responsive to the current and evolving needs of its clients, the ABS and the (now) Department of Employment, Education, Training and Youth Affairs (DEETYA) commenced a review of the classification in 1992. This review has encompassed both the structural and the definitional content of the classification and has been completed in time for the Second Edition of ASCO to be introduced into various ABS collections from May 1996 onwards.

In undertaking the review, the ABS and DEETYA consulted widely with key users of ASCO, industry training bodies, unions, employer bodies and professional associations and are indebted to them for their valuable input into the review process.

CONCEPTUAL BASIS AND STRUCTURE OF ASCO

ASCO is a skill-based classification of occupations which covers all jobs in the Australian work force. The concepts of 'job' and 'occupation' are fundamental to an understanding of the classification. For the purposes of ASCO, a job is defined as the set of tasks designed to be performed by one individual while an occupation is a set of jobs with similar sets of tasks. Within ASCO, occupations are classified according to two criteria — *skill level* and *skill specialisation*.

Skill level

In ASCO, this is defined as the range and complexity of the set of tasks involved: the greater the range and complexity of the set of tasks, the greater the skill level of the occupation.

In ASCO First Edition, skill level was measured operationally as the amount of formal education, on-the-job training and previous experience usually necessary for the satisfactory performance of the set of tasks.

The concept of skill level remains unchanged in ASCO Second Edition. However, the operational definition of skill level has been refined as a result of competency-based initiatives in employment and training and an increased emphasis on entry requirements to an occupation. This emphasis on entry requirements arises largely from the difficulty in objectively measuring the skill level required for the satisfactory performance of tasks.

The criteria used in ASCO Second Edition to measure skill level are the formal education and/or training and previous experience usually required for entry to the occupation. In instances where information relating to these entry requirements was not available, relevant minimum endorsed competency standards were also considered in measuring the skill level of an occupation.

Where these criteria were not sufficient or appropriate for determining the skill level of a particular occupation, the range and complexity of the set of tasks involved was determined by application of the following criteria (for which on-the-job training may be a useful measure):

- breadth/depth of knowledge required
- range of skills required

- variability of operating environment
- level of autonomy as determined by the degree of discretion and choice which may be required to perform the set of tasks.

Skill specialisation

The skill specialisation of an occupation is a function of the field of knowledge required, tools and equipment used, materials worked on, and goods or services produced in relation to the tasks performed. In ASCO Second Edition the definition of skill specialisation remains unchanged but includes reference to non-production based operations. For example tools and equipment can also include all forms of computer-based equipment, personal interaction and art or design techniques. Materials worked on can also include data and individual or group service. Goods and services produced has been renamed goods or services provided and includes, for example, data and personal service.

THE CLASSIFICATION STRUCTURE OF ASCO SECOND EDITION

The structure of ASCO Second Edition comprises five hierarchical levels: Major Group, Sub-Major Group, Minor Group, Unit Group and Occupation. A profile of the ASCO Second Edition structure and a listing of the Major, Sub-Major, Minor, Unit Groups and Occupations are shown in Appendixes 1, 3 and 4.

This represents a change from ASCO First Edition, where the structure consisted of four levels: Major Group, Minor Group, Unit Group and Occupation. The Sub-Major Group level has been added to the structure to enhance users' options for statistical output. The table below indicates the number of groups in each edition:

	First Edition	Second Edition
Major Group	8	9
Sub-Major Group	n.a.	35
Minor Group	52	81
Unit Group	282	340
Occupation	1 079	986

In recognition of the need to maintain comparability and consistency between ASCO First Edition and ASCO Second Edition, changes at the unit group (four-digit) level have been made only where this was unavoidable. Although there are instances where unit group codes and titles have been altered, a large proportion of First and Second Edition unit groups can be linked to facilitate time series analysis.

In terms of comparability between ASCO First Edition and Second Edition, approximately two-thirds of the old and new unit groups are directly comparable while occupations in the remaining First Edition unit groups have been distributed into a number of new unit groups in Second Edition.

CONCORDANCE

A detailed concordance between occupations in the two editions will be included in the *Australian Standard Classification of Occupations (ASCO) Second Edition* (1220.0) which will be released in March 1997. The concordance will show where a one to one relationship exists between occupations in the First and Second

Editions, and when it does not. This concordance is based on occupation data from the 1991 Census of Population and Housing.

Following completion of data processing of the 1996 Census, an updated concordance will be produced that shows actual proportional relationships between the categories of the First and Second editions.

MAJOR STRUCTURAL
DIFFERENCES BETWEEN ASCO
FIRST EDITION AND SECOND
EDITION

ASCO First Edition had eight major groups representing eight skill levels. A more rigorous approach to the application of the skill level criteria has resulted in changes to the way some occupations are classified in ASCO Second Edition. In the Second Edition the skill level of major groups is clarified by arranging nine major groups into one of five skill levels. This addresses criticism of First Edition ASCO which has eight skill levels corresponding with the eight major groups. Major groups at the same skill level are differentiated according to a broad application of the skill specialisation concept.

As mentioned previously, ASCO Second Edition includes an additional level in the classification hierarchy. There are now five hierarchical levels — Major Group, Sub-Major Group, Minor Group, Unit Group and Occupation. It was considered that the addition of the sub-major group level will enhance users' options for statistical output particularly where sample sizes preclude output at the minor group level.

An important change has been the reorganisation of First Edition Major Group 5 Clerks and Major Group 6 Sales and Personal Service Workers into three major groups at different skill levels to better reflect the skill level of the occupations they cover. Instead of two major groups for clerical and sales and service occupations, there are now three — Advanced, Intermediate and Elementary.

In some areas of the classification additional unit groups have been created to provide more detailed information at the unit group level.

Specific examples of some other important changes to the classification are outlined below.

Managing supervisors

Managers of small organisations and businesses which do not necessarily have a hierarchy of managers, are now classified in Major Group 3 Associate Professionals (Skill Level 2), in contrast to First Edition where they were classified in Major Group 1 (at Skill Level 1) along with general and specialist manager occupations.

Air and sea transport technical workers

ASCO First Edition Minor Group 33 Air and Sea Transport Technical Workers has been moved to Major Group 2 Professionals.

Registered nurses

The First Edition Minor Group 34 Registered Nurses has been moved to Major Group 2 Professionals.

Enrolled nurses

The First Edition Unit Group 6603 Enrolled Nurses has been moved to Major Group 3 Associate Professionals and is now Minor Group 341 Enrolled Nurses.

Welfare workers

Welfare Workers have been moved from Unit group 3901 Welfare Para-professionals in ASCO First Edition to ASCO Second Edition Unit Group 2512 Welfare and Community Workers.

Other changes

Other changes reflected in the ASCO Second Edition structure are the result of the emergence and decline of occupations in the Australian labour market. The increased significance of various industry sectors to the economy, in particular the service and information technology sectors, has lead to the emergence of a number of new occupations. Conversely, technological and structural changes in the Australian work force have also resulted in the decline of some occupations.

Similarly, a trend toward the upgrading of skills and training required for many occupations in the Australian work force has resulted in the reclassification of certain occupations to more appropriate skill levels in the ASCO Second Edition structure.

STATISTICAL BALANCE AND FEASIBILITY

As a general principle a classification should be statistically balanced. Similar numbers of 'real-world' entities should be classified to each category at a particular level. However categories which have been defined to reflect the real world will not always be statistically balanced. To force categories to conform to size limitations would mean that the categories would not always be meaningful or useful. On the other hand the number of entities in each category should be sufficiently large to ensure that confidentiality of the data is not compromised.

A number of First Edition occupations have been split into separate Second Edition occupations to facilitate greater disaggregation of data. For example, the First Edition occupation Accountant has been split into three separate occupations in ASCO Second Edition: Accountant, External Auditor and Internal Auditor.

The issue of statistical feasibility has had a significant impact on the classification of supervisory occupations. While it is clear that a higher level of skill and training is required for entry to some supervisory occupations, it has been necessary to classify many supervisory occupations together with the occupations they supervise because it is not practicable to make the necessary distinction in statistical collections. However, where there is a marked difference in the tasks performed, a separate supervisory occupation has been specified.

Similar considerations have impacted on the classification of apprentice and trainee occupations. It is acknowledged that the skill level for entry into occupations as an apprentice or trainee is lower than the skill level requirements of the occupation. However statistical and operational considerations have meant that apprentices and trainees are generally located in the same unit group as the occupations they are training toward, the exceptions being Office

Trainees and Sales and Service Trainees which are unit groups of their own. In addition, although in ASCO First Edition each tradesperson unit group contained only one apprentice occupation relating to that unit group, most tradesperson unit groups in ASCO Second Edition include an apprentice occupation corresponding to each tradesperson occupation in that unit group.

IMPLEMENTATION OF ASCO SECOND EDITION IN ABS COLLECTIONS There will be a phased introduction of ASCO Second Edition into ABS collections. The following is a guide to its implementation.

1996 Census of Population and Housing

All occupation information reported in the 1996 Census will be coded to ASCO Second Edition. As in previous years standard output data on occupations will be published at the unit group level. An electronic file linking First and Second Editions of ASCO at the occupation level will be available in late 1997 after processing of the 1996 Census has been completed.

Labour Force Survey

Occupation information reported in the August 1996 Labour Force Survey will be coded to ASCO Second Edition. An information paper outlining the changes to labour force data following the introduction of ASCO Second Edition will be released later in 1996. A preliminary concordance between the two editions of ASCO will also be included in this paper. Further details of this paper can be obtained by contacting Sylvia Sailer on (06) 252 6565.

Survey of Employee Earnings and Hours

All occupation data reported in the May 1996 Survey of Employee Earnings and Hours will be coded to ASCO First and Second Editions. Data in the publications *Distribution and Composition of Employee Earnings and Hours, Australia, Preliminary* (6305.0) and *Distribution and Composition of Employee Earnings and Hours, Australia* (6306.0) will reflect ASCO Second Edition major, minor and unit groups. A limited amount of data will be published according to ASCO First Edition. Further information regarding times series for this collection can be obtained by contacting Rory Carle on (09) 360 5286.

Labour Cost Index Survey

Occupation information to be collected in this survey now under development will be coded to ASCO Second Edition and along with other information will be used to complete the ordinary time earnings component of the quarterly Labour Cost Index. The Labour Cost Index will provide a measure of the change in the cost to organisations of employing labour, and will be used in formulating industrial relations and wages policies, economic analysis and contract adjustment. Further details of this survey can be obtained by contacting Dan Aherne on (06) 252 7418.

Survey of Employment and Unemployment Patterns

Occupation data collected in the 1996 second wave of this longitudinal survey will be coded to ASCO Second Edition. Data from

the 1995 first wave was originally coded to ASCO First Edition and will be recoded. Further information about this survey can be obtained by contacting Mel Butler on (06) 252 5936.

Overseas arrivals and departures

The Department of Immigration and Multicultural Affairs (DIMA) currently codes occupation data for long-term and permanent arrivals to ASCO First Edition. These data appear in ABS and DIMA publications at minor group level. The timing of the introduction of ASCO Second Edition into this collection has yet to be determined.

Births and deaths

Occupation data reported in relation to births and deaths are coded to ASCO. In the births and deaths collections, the introduction of ASCO Second Edition is planned to take place at the conclusion of the 1996 processing, that is, for data from 1 January 1997. Further information about these collections can be obtained by contacting John Alexander on (07) 3222 6047.

IMPLEMENTATION OF ASCO SECOND EDITION WITHIN DEETYA The Department of Employment, Education, Training and Youth Affairs (DEETYA) is committed to introducing ASCO Second Edition as soon as it is technically feasible in its information systems. This could be as early as the first half of 1997. The Department's major careers advice publication, *Job Guide*, will also be based on ASCO Second Edition as from 1997.

INTERPRETING ASCO
OCCUPATION DEFINITIONS

ASCO is primarily a statistical classification designed to aggregate and organise data collected about jobs or individuals. The classification definitions are based on the skill level and specialisation *usually* necessary to perform the tasks of the specific occupation, or of most occupations in the group. The definitions and skill level statements apply to the occupation and not the incumbent. The allocation of a particular occupation to a particular skill level should be seen as indicative and not be used prescriptively.

A STRUCTURED CODING SYSTEM

Assigning ASCO codes to occupation or job descriptions requires the use of a rule-based system to ensure that it is performed in an accurate, consistent and efficient manner.

To consistently and reliably allocate responses from statistical collections to any level of the ASCO structure, data on occupation tasks as well as the occupation title are needed. The coding system is designed to utilise, in a structured way, the responses from up to four distinct questions: occupation title, main tasks performed, industry of employer and employer's name. Primary importance is given to the occupation title, but extensive use is made of main tasks performed in the job. Restricted use can also be made of information given in response to questions on industry and employer's name when it is collected.

The structured coding system may be implemented as a clerical procedure or through computer-assisted coding. There is no functional difference between the two forms of coding; that is, they are based on the same coding methodology and procedures, and are designed to yield the same results.

The review of ASCO has been accompanied by the development of a Windows-based structured coding system for PCs, which enables occupation responses to be coded to either the unit group or occupation level of the classification with a high degree of accuracy and consistency. This Windows-based coding system will replace the ASCO Expert system (a DOS-based system) which was developed for coding to ASCO First Edition.

The new system is being implemented in the ABS for coding occupation data from the 1996 Census of Population and Housing and from some other ABS statistical collections. More information on the new coding system and its intended release is provided in the ASCO Second Edition products listed below.

INTERNATIONAL COMPARABILITY

The International Standard Classification of Occupations (ISCO) was developed by the International Labour Office in Geneva. ISCO was first issued in 1958 and revised versions were produced in 1968 and 1988. The main aims of ISCO are to provide a basis for international comparisons of occupation statistics between member countries and to provide a conceptual model for the developments of national occupation classifications. The most recent edition, ISCO–88, was developed using a similar conceptual basis to that of ASCO First Edition.

At the time of its release in 1986, ASCO First Edition was significantly different from most other occupation classifications used by national and international statistical agencies. The major change from international practice prior to that time lay in the use of skill level and skill specialisation as criteria to structure the occupation classification. ISCO–88 also uses these criteria in the conceptual framework for the classification. Four broad skill levels are used, defined in terms of the educational categories and levels which appear in the International Standard Classification of Education, published by the United Nations Educational, Scientific and Cultural Organisation.

ISCO-88 consists of 10 major groups, 28 sub-major groups, 116 minor groups and 390 unit groups. The occupation level is not defined in ISCO-88, as it is expected that individual countries will develop this level of detail to suit national requirements.

The ten major groups in ISCO-88 remain broadly similar to the nine ASCO Second Edition major groups. The most significant difference at major group level is that ISCO-88 has identified skilled Agricultural and Fishery Workers as a separate major group (Major Group 6), whereas ASCO Second Edition includes Farmers and Farm Managers as a sub-major group in Major Group 1 Managers and Administrators, and skilled Agricultural and Horticultural Workers as a sub-major group in Major Group 4 Tradespersons and Related Workers.

ISCO-88 also includes a separate Major Group 0, for the Armed Forces. In ASCO Second Edition, jobs held by members of the Armed Forces are classified together with their civilian equivalents where these exist and to a number of other specific occupations.

In common with ISCO-88, ASCO Second Edition now incorporates the sub-major group as a level of aggregation between the major and minor groups.

NEW ZEALAND STANDARD CLASSIFICATION OF OCCUPATIONS In 1990, Statistics New Zealand released the New Zealand Standard Classification of Occupations (NZSCO). This is also a skill-based classification which uses skill level and skill specialisation as the primary criteria for classifying occupations. The major difference between NZSCO and ASCO Second Edition is its use of 10 major groups in the classification and, similar to ISCO–88, NZSCO has a separate major group for Armed Forces.

Early in the development phase of ASCO Second Edition, consideration was given to developing a joint Australian and New Zealand classification. However, a number of practical considerations precluded this development, chiefly the timing of the ASCO Review in relation to NZSCO and the need to have ASCO Second Edition ready for use in the 1996 Census.

ASCO PRODUCTS

ASCO First Edition publications and products will remain available for a short time following the release of ASCO Second Edition.

ASCO Second Edition products

The following ABS publications and products will be available progressively from the end of the first quarter of 1997.

Australian Standard Classification of Occupations (ASCO) Second Edition (1220.0) This publication is intended for users who wish to understand the detailed structure and content of the classification as an aid in interpreting ABS statistics. It is also a necessary resource document for use in resolving coding queries when processing occupation data.

The conceptual basis of ASCO will be examined together with a description of the ASCO structure and an outline of the history of the development of the classification.

The main part of the publication will show the hierarchical structure of the classification down to the finest level of detail, the occupation level. It will also comprise a summary of the ASCO classification criteria and coding conventions. Definitions for the 9 major groups, 35 sub-major groups, 81 minor groups, 340 unit groups and 986 occupations in the classification will be included. As mentioned previously, a concordance between First and Second Edition will be included as an appendix.

This publication will combine and supersede the contents of the First Edition publications, *ASCO Statistical Classifications* (1986) (1222.0) and *ASCO Occupation Definitions* (1990) (1223.0). However, as previously mentioned, both these First Edition publications will remain available for a brief time following the release of ASCO Second Edition.

This publication will also supersede the AGPS publication *ASCO Dictionary*.

Expected release date: 31 March 1997

Price: tba

ASCO Manual Coding System: Occupation Level (1227.0)

This publication will be updated for ASCO Second Edition. The coding procedures will remain unchanged.

This publication specifies the procedures and provides the indexes for the manual coding of occupation data to the 986 categories at the most detailed level of ASCO. It is intended for users who wish to assign six-digit ASCO codes on the basis of relatively detailed information such as is available from human resource management systems, job vacancy specifications or responses in special purpose statistical collections. For users wishing to code to the four-digit level only, the same coding procedures may be used, recording only the first four digits of the code. A four-digit index will be available if required on request.

Additional classification information on electronic media

Floppy disk

The above publications, or parts thereof, will be available as floppy disk products using ASCII text files. Further information and order forms for ASCO Second Edition products may be obtained from the ASCO contact officer or through ABS bookshops located in ABS State and Territory offices following the release of *Australian Standard Classification of Occupations (ASCO) Second Edition* (1220.0).

CD-ROM

It is intended to provide most of the ASCO Second Edition products on CD-ROM. The classification together with definitions, coding procedures (both manual and computer-assisted) will be available on a single CD-ROM. Further details of this product will be available in March 1997.

Computer-assisted coding systems

The previous computer-assisted coding package, ASCO Expert, will not be available after July 1997. However, the same coding methodology will be available in a Windows-based coder which will supersede the First Edition products *ASCO Expert Coding System: Unit Group Level* (1990) (1224.0) and *ASCO Expert Coding System: Occupation Level* (1991) (1226.0). The Windows-based coder is already available for coding industry data to the Australian and New Zealand Standard Industrial Classification and will be able to be used for coding occupation data when ASCO Second Edition is released in March 1997. Further information regarding the Windows coder can be obtained from either Doug Baldwin on (06) 252 5346 (for industry coding) or Andrew Woolley on (06) 252 7073 (for occupation coding).

ASCO SERVICES

The ABS offers a consultancy service to organisations which are considering adopting ASCO as the basis of human resource management systems or using ASCO in their own statistical collections. These services are charged at an ABS standard rate.

Further details of ASCO publications and products may be found in the ABS *Catalogue of Publications and Products* (1101.0). Publications are available through ABS bookshops. A complete listing of ABS products on floppy disk may be found in the *Catalogue of Electronic Products* (1111.0).

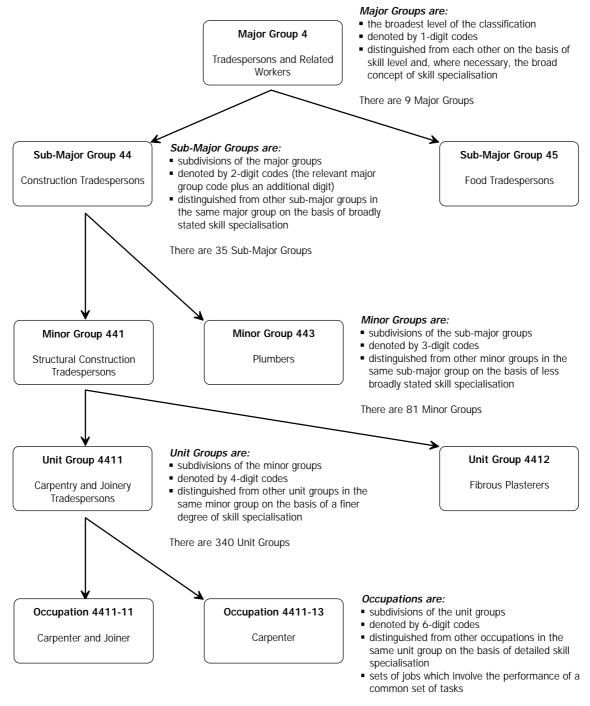
Inquiries regarding these products should be directed to the ASCO contact officer on (06) 252 5757. Order forms will be available from the contact officer, or through ABS bookshops.

APPENDIX 1 PROFILE OF THE ASCO SECOND EDITION STRUCTURE

The structure of ASCO Second Edition has five levels:

major group sub-major group minor group unit group occupation

The following is an illustration of a representative part of the ASCO Second Edition structure:



There are 986 Occupations

APPENDIX 2 ASCO SECOND EDITION SKILL LEVELS

MAJOR	GROUP	SKILL LEV	/EL
1	Managers and Administrators	Ì	1
2	Professionals	j	1
3	Associate Professionals		2
4	Tradespersons and Related Workers	}	3
5	Advanced Clerical and Service Workers	j	Ū
6	Intermediate Clerical, Sales and Service Workers	}	4
7	Intermediate Production and Transport Workers	j	4
8	Elementary Clerical, Sales and Service Workers]	r
9	Labourers and Related Workers	j	5

The relationship between the nine major groups and five skill levels is explained under the heading Conceptual Basis and Structure of ASCO on page 5.

APPENDIX 3 ASCO SECOND EDITION — MAJOR AND SUB-MAJOR GROUPS

1 MANAGERS AND ADMINISTRATORS

- 11 Generalist Managers
- 12 Specialist Managers
- 13 Farmers and Farm Managers

2 PROFESSIONALS

- 21 Science, Building and Engineering Professionals
- 22 Business and Information Professionals
- 23 Health Professionals
- 24 Education Professionals
- 25 Social, Arts and Miscellaneous Professionals

3 ASSOCIATE PROFESSIONALS

- 31 Science, Engineering and Related Associate Professionals
- 32 Business and Administration Associate Professionals
- 33 Managing Supervisors (Sales and Service)
- 34 Health and Welfare Associate Professionals
- 39 Other Associate Professionals

4 TRADESPERSONS AND RELATED WORKERS

- 41 Mechanical and Fabrication Engineering Tradespersons
- 42 Automotive Tradespersons
- 43 Electrical and Electronics Tradespersons
- 44 Construction Tradespersons
- 45 Food Tradespersons
- 46 Skilled Agricultural and Horticultural Workers
- 49 Other Tradespersons and Related Workers

5 ADVANCED CLERICAL AND SERVICE WORKERS

- 51 Secretaries and Personal Assistants
- 59 Other Advanced Clerical and Service Workers

6 INTERMEDIATE CLERICAL, SALES AND SERVICE WORKERS

- 61 Intermediate Clerical Workers
- 62 Intermediate Sales and Related Workers
- 63 Intermediate Service Workers

7 INTERMEDIATE PRODUCTION AND TRANSPORT WORKERS

- 71 Intermediate Plant Operators
- 72 Intermediate Machine Operators
- 73 Road and Rail Transport Drivers
- 79 Other Intermediate Production and Transport Workers

8 ELEMENTARY CLERICAL, SALES AND SERVICE WORKERS

- 81 Elementary Clerks
- 82 Elementary Sales Workers
- 83 Elementary Service Workers

9 LABOURERS AND RELATED WORKERS

- 91 Cleaners
- 92 Factory Labourers
- 99 Other Labourers and Related Workers

APPENDIX 4 ASCO SECOND EDITION — MAJOR, SUB-MAJOR, MINOR, UNIT GROUPS AND OCCUPATIONS

1	MANAGERS AND	1999 19	Production Manager (Mining)
-	ADMINISTRATORS	1223	Supply and Distribution Managers
11	GENERALIST MANAGERS		Supply and Distribution Manager
		1223-11 1224	Information Technology Managers
111	GENERAL MANAGERS AND ADMINISTRATORS		
1111	Legislators and Government Appointed		Information Technology Manager
1111	Officials	123	SALES AND MARKETING MANAGERS
1111-11	Parliamentarian or Councillor	1231	Sales and Marketing Managers
1111-13	Judge	1231-11	Sales and Marketing Manager
1111-15	Magistrate	129	MISCELLANEOUS SPECIALIST MANAGERS
1111-17	Tribunal Member		
1111-79	Legislators and Government Appointed	1291	Policy and Planning Managers
	Officials nec	1291-11	Policy and Planning Manager
1112	General Managers	1292	Health Services Managers
1112-11	General Manager		Director of Nursing
119	MISCELLANEOUS GENERALIST	1292-13	Medical Administrator
	MANAGERS	1293	Education Managers
1191	Building and Construction Managers	1293-11	School Principal
	Construction Project Manager		Faculty Head
1191-13	Project Builder		Regional Education Manager
1192	Importers, Exporters and Wholesalers	1293-79	Education Managers nec
	Importer or Exporter	1294	Commissioned Officers (Management)
1192-13	Wholesaler	1294-11	Commissioned Defence Force Officer
1193	Manufacturers	1294-13	Commissioned Fire Officer
1193-11	Manufacturer		Commissioned Police Officer
12	SPECIALIST MANAGERS	1294-81	Trainee Commissioned Defence Force Officer
121	RESOURCE MANAGERS	1295	Child Care Co-ordinators
1211	Finance Managers	1295-11	Child Care Co-ordinator
1211-11	Finance Manager	1296	Media Producers and Artistic Directors
1212	Company Secretaries	1296-11	Media Producer
1212-11	Company Secretary	1296-13	Artistic Director
1213	Human Resource Managers	1299	Other Specialist Managers
1213-11	Human Resource Manager	1299-11	Research and Development Manager
122	ENGINEERING, DISTRIBUTION AND		Laboratory Manager
	PROCESS MANAGERS	1299-15	Welfare Centre Manager
1221	Engineering Managers	1299-17	Environment, Parks and Land Care
1221-11	Engineering Manager		Manager
1222	Production Managers		Sports Administrator Specialist Managers nec

1222-11 Production Manager (Manufacturing)

13	FARMERS AND FARM MANAGERS	2114-11	Environmental Research Scientist
131	FARMERS AND FARM MANAGERS	2114-13	Forester
1311	Mixed Crop and Livestock Farmers		Park Ranger
	Mixed Crop and Livestock Farmer		Soil Scientist
1312	Livestock Farmers		Agricultural Scientist
	Mixed Livestock Farmer		Agricultural Adviser
	Beef Cattle Farmer	2114-79	Environmental and Agricultural Science Professionals nec
	Dairy Farmer	2115	Medical Scientists
	Sheep Farmer		Medical Scientist
1312-19	Pig Farmer	2119	
	Poultry Farmer	2119	Other Natural and Physical Science Professionals
1312-23	Horse Breeder	2119-11	Physicist
1312-25	Apiarist		Meteorologist
1312-79	Livestock Farmers nec		Extractive Metallurgist
1313	Crop Farmers		Physical Metallurgist
1313-11	Grain, Oilseed and Pasture Grower	2119-19	Materials Scientist
1313-13	Sugar Cane Grower	2119-79	Natural and Physical Science Professionals
1313-15	Tobacco Grower		nec
1313-17	Fruit and Nut Grower	212	BUILDING AND ENGINEERING PROFESSIONALS
1313-19	Vegetable Grower		
1313-21	Flower Grower	2121	Architects and Landscape Architects
1313-79	Crop Farmers nec		Architect
1314	Aquaculture Farmers		Landscape Architect
1314-11	Aquaculture Farmer	2122	Quantity Surveyors
2	PROFESSIONALS		Quantity Surveyor
21	SCIENCE, BUILDING AND	2123	Cartographers and Surveyors
~-	ENGINEERING PROFESSIONALS		Cartographer
211	NATURAL AND PHYSICAL SCIENCE		Surveyor
~	PROFESSIONALS	2124	Civil Engineers
2111	Chemists	2124-11	Civil Engineer
2111-11	Chemist	2125	Electrical and Electronics Engineers
2112	Geologists and Geophysicists		Electrical Engineer
2112-11	Geologist	2125-13	Electronics Engineer
	Geophysicist	2126	Mechanical, Production and Plant
2113	Life Scientists	0100 11	Engineers
2113-11	Anatomist or Physiologist		Mechanical Engineer
	Botanist		Production or Plant Engineer
2113-15	Zoologist	2127	Mining and Materials Engineers
	Biochemist		Mining Engineer (excluding Petroleum)
2113-19	Marine Biologist		Petroleum Engineer
2113-79	Life Scientists nec		Materials Engineer
0114	E	2128	Engineering Technologists
2114	Environmental and Agricultural	9190 11	Civil Engineering Technologist

2128-13	Mechanical Engineering Technologist	2231-17	Applications and Analyst Programmer
2128-15	Electrical or Electronics Engineering	2231-19	Systems Programmer
	Technologist	2231-21	Computer Systems Auditor
2128-79	Engineering Technologists nec	2231-79	Computing Professionals nec
2129	Other Building and Engineering Professionals	229	MISCELLANEOUS BUSINESS AND INFORMATION PROFESSIONALS
2129-11	Aeronautical Engineer	2291	Human Resource Professionals
2129-13	Agricultural Engineer	2291-11	Personnel Officer
	Biomedical Engineer	-	Personnel Consultant
	Chemical Engineer		Industrial Relations Officer
	Industrial Engineer		Training Officer
	Naval Architect	2292	Librarians
2129-79	Building and Engineering Professionals nec		Librarian
22	BUSINESS AND INFORMATION PROFESSIONALS	2293	Mathematicians, Statisticians and Actuaries
001		2293-11	Mathematician
221	ACCOUNTANTS, AUDITORS AND CORPORATE TREASURERS	2293-13	Statistician
2211	Accountants	2293-15	Actuary
	Accountant	2294	Business and Organisation Analysts
		2294-11	Management Consultant
2212	Auditors	2294-13	Organisation and Methods Analyst
	External Auditor	2294-15	Quality Assurance Manager
	Internal Auditor	2295	Property Professionals
2213	Corporate Treasurers	2295-11	Valuer
2213-11	Corporate Treasurer		Valuer Land Economist
	•		
2213-11	Corporate Treasurer SALES, MARKETING AND	2295-13 2299 2299-11	Land Economist Other Business and Information Professionals Health Information Manager
2213-11 222 2221	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising	2295-13 2299 2299-11 2299-13	Land Economist Other Business and Information Professionals Health Information Manager Records Manager
2213-11 222 2221 2221-11	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals	2295-13 2299 2299-11 2299-13 2299-15	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist
2213-11 222 2221 2221-11 2221-13	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer	2295-13 2299 2299-11 2299-13 2299-15 2299-17	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst
2213-11 222 2221 2221-11 2221-13 2221-15	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist	2295-13 2299 2299-11 2299-15 2299-17 2299-19	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst Intelligence Officer
2213-11 222 2221 2221-11 2221-13 2221-15	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist Market Research Analyst	2295-13 2299 2299-11 2299-15 2299-17 2299-19	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst
2213-11 222 2221 2221-11 2221-13 2221-15 2221-17 2222	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist Market Research Analyst Advertising Specialist	2295-13 2299 2299-11 2299-15 2299-17 2299-19 2299-79	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst Intelligence Officer Business and Information Professionals nec
2213-11 222 2221-11 2221-15 2221-17 2222 2222-11	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist Market Research Analyst Advertising Specialist Technical Sales Representatives	2295-13 2299 2299-11 2299-15 2299-17 2299-19	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst Intelligence Officer Business and Information Professionals
2213-11 222 2221 2221-11 2221-13 2221-17 2222 2222-11 2222-13	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist Market Research Analyst Advertising Specialist Technical Sales Representatives Sales Representative (Industrial Products) Sales Representative (Information and	2295-13 2299 2299-11 2299-13 2299-15 2299-17 2299-79 23 231 2311	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst Intelligence Officer Business and Information Professionals nec HEALTH PROFESSIONALS MEDICAL PRACTITIONERS Generalist Medical Practitioners
2213-11 222 2221 2221-11 2221-15 2221-17 2222 2222-11 2222-13 2222-15	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist Market Research Analyst Advertising Specialist Technical Sales Representatives Sales Representative (Industrial Products) Sales Representative (Information and Communication Products) Sales Representative (Medical and	2295-13 2299 2299-11 2299-13 2299-15 2299-17 2299-79 23 231 2311 2311-11	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst Intelligence Officer Business and Information Professionals nec HEALTH PROFESSIONALS MEDICAL PRACTITIONERS Generalist Medical Practitioners General Medical Practitioner
2213-11 222 2221 2221-11 2221-15 2221-17 2222 2222-11 2222-13 2222-15	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist Market Research Analyst Advertising Specialist Technical Sales Representatives Sales Representative (Industrial Products) Sales Representative (Information and Communication Products) Sales Representative (Medical and Pharmaceutical Products)	2295-13 2299 2299-11 2299-13 2299-15 2299-17 2299-79 23 231 2311 2311-11 2311-81	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst Intelligence Officer Business and Information Professionals nec HEALTH PROFESSIONALS MEDICAL PRACTITIONERS Generalist Medical Practitioners General Medical Practitioner Medical Practitioner in Training
2213-11 222 2221 2221-11 2221-13 2221-17 2222 2222-11 2222-13 2222-79 223	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist Market Research Analyst Advertising Specialist Technical Sales Representatives Sales Representative (Industrial Products) Sales Representative (Information and Communication Products) Sales Representative (Medical and Pharmaceutical Products) Technical Sales Representatives nec COMPUTING PROFESSIONALS	2295-13 2299 2299-11 2299-13 2299-15 2299-17 2299-79 23 231 2311 2311-11 2311-81 2312	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst Intelligence Officer Business and Information Professionals nec HEALTH PROFESSIONALS MEDICAL PRACTITIONERS Generalist Medical Practitioners General Medical Practitioner Medical Practitioner in Training Specialist Medical Practitioners
2213-11 222 2221 2221-11 2221-15 2221-17 2222 2222-11 2222-13 2222-79 223 2231	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist Market Research Analyst Advertising Specialist Technical Sales Representatives Sales Representative (Industrial Products) Sales Representative (Information and Communication Products) Sales Representative (Medical and Pharmaceutical Products) Technical Sales Representatives nec COMPUTING PROFESSIONALS Computing Professionals	2295-13 2299 2299-11 2299-15 2299-17 2299-79 23 231 2311 2311-11 2311-81 2312 2312-11	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst Intelligence Officer Business and Information Professionals nec HEALTH PROFESSIONALS MEDICAL PRACTITIONERS Generalist Medical Practitioners General Medical Practitioner Medical Practitioner in Training Specialist Medical Practitioners Anaesthetist
2213-11 222 2221 2221-13 2221-17 2222 2222-11 2222-13 2222-79 223 2231 2231-11	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist Market Research Analyst Advertising Specialist Technical Sales Representatives Sales Representative (Industrial Products) Sales Representative (Information and Communication Products) Sales Representative (Medical and Pharmaceutical Products) Technical Sales Representatives nec COMPUTING PROFESSIONALS Computing Professionals Systems Manager	2295-13 2299 2299-11 2299-13 2299-15 2299-17 2299-79 23 231 2311 2311-11 2311-81 2312 2312-13	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst Intelligence Officer Business and Information Professionals nec HEALTH PROFESSIONALS MEDICAL PRACTITIONERS Generalist Medical Practitioners General Medical Practitioner Medical Practitioner in Training Specialist Medical Practitioners Anaesthetist Dermatologist
2213-11 222 2221 2221-13 2221-15 2221-17 2222 2222-13 2222-13 2222-79 223 2231 2231-11 2231-13	Corporate Treasurer SALES, MARKETING AND ADVERTISING PROFESSIONALS Marketing and Advertising Professionals Public Relations Officer Marketing Specialist Market Research Analyst Advertising Specialist Technical Sales Representatives Sales Representative (Industrial Products) Sales Representative (Information and Communication Products) Sales Representative (Medical and Pharmaceutical Products) Technical Sales Representatives nec COMPUTING PROFESSIONALS Computing Professionals	2295-13 2299 2299-11 2299-13 2299-15 2299-17 2299-79 23 231 2311 2311-11 2311-81 2312 2312-13	Land Economist Other Business and Information Professionals Health Information Manager Records Manager Archivist Policy Analyst Intelligence Officer Business and Information Professionals nec HEALTH PROFESSIONALS MEDICAL PRACTITIONERS Generalist Medical Practitioners General Medical Practitioner Medical Practitioner in Training Specialist Medical Practitioners Anaesthetist

2312-17	Obstetrician and Gynaecologist	2387-11	Chiropractor
2312-19	Ophthalmologist	2387-13	Osteopath
2312-21	Paediatrician	2388	Podiatrists
2312-23	Pathologist	2388-11	Podiatrist
	Specialist Physician	2391	Medical Imaging Professionals
	Psychiatrist	2391-11	Medical Diagnostic Radiographer
	Radiologist		Radiation Therapist
	Surgeon		Nuclear Medicine Technologist
	Specialist Medical Practitioners nec	2391-17	Sonographer
232	NURSING PROFESSIONALS	2392	Veterinarians
2321	Nurse Managers	2392-11	Veterinarian
2321-11	Nurse Manager	2393	Dietitians
2322	Nurse Educators and Researchers	2393-11	Dietitian
2322-11	Nurse Educator	2394	Natural Therapy Professionals
2322-13	Nurse Researcher	2394-11	Naturopath
2323	Registered Nurses		Acupuncturist
2323-11	Registered Nurse		Natural Therapy Professionals nec
2324	Registered Midwives	2399	Other Health Professionals
2324-11	Registered Midwife	2399-11	Audiologist
2325	Registered Mental Health Nurses	2399-13	Orthoptist
2325-11	Registered Mental Health Nurse	2399-15	Orthotist
2326	Registered Developmental Disability	2399-79	Health Professionals nec
	Nurses	24	EDUCATION PROFESSIONALS
2326-11	Nurses Registered Developmental Disability Nurse		
	Nurses	24	EDUCATION PROFESSIONALS
2326-11	Nurses Registered Developmental Disability Nurse MISCELLANEOUS HEALTH	24 241 2411	EDUCATION PROFESSIONALS SCHOOL TEACHERS
2326-11 238	Nurses Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners	24 241 2411	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers
2326-11 238 2381 2381-11	Nurses Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners	24 241 2411 2411-11 2412	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher
2326-11 238 2381 2381-11	Nurses Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist	24 241 2411 2411-11 2412	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers
2326-11 238 2381 2381-11 2381-13 2382	Nurses Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist	24 241 2411 2411-11 2412 2412-11 2413	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers
2326-11 238 2381 2381-11 2381-13 2382 2382-11	Nurses Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists	24 241 2411 2411-11 2412 2412-11 2413	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Secondary School Teachers
2326-11 238 2381 2381-11 2381-13 2382 2382-11 2382-13	Nurses Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists Hospital Pharmacist	24 241 2411 2411-11 2412 2412-11 2413 2413-11 2414	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Secondary School Teachers Secondary School Teacher
2326-11 238 2381 2381-11 2381-13 2382 2382-11 2382-13	Nurses Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists Hospital Pharmacist Industrial Pharmacist	24 241 2411 2411-11 2412 2412-11 2413 2413-11 2414 2414-11	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Secondary School Teachers Secondary School Teacher Special Education Teachers
2326-11 238 2381 2381-11 2381-13 2382 2382-11 2382-13 2382-15 2383	Nurses Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists Hospital Pharmacist Industrial Pharmacist Retail Pharmacist	24 241 2411 2411-11 2412 2412-11 2413 2413-11 2414 2414-11 2414-13	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Secondary School Teachers Secondary School Teacher Special Education Teachers Special Needs Teacher
2326-11 238 2381 2381-11 2381-13 2382 2382-11 2382-13 2382-15 2383	Nurses Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists Hospital Pharmacist Industrial Pharmacist Retail Pharmacist Occupational Therapists	24 241 2411 2411-11 2412 2412-11 2413 2413-11 2414 2414-11 2414-13 2414-15	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Secondary School Teachers Secondary School Teacher Special Education Teachers Special Needs Teacher Teacher of the Hearing Impaired
2326-11 238 2381 2381-11 2381-13 2382 2382-11 2382-15 2383 2383-11 2384 2384-11	Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists Hospital Pharmacist Industrial Pharmacist Retail Pharmacist Occupational Therapists Occupational Therapist Optometrists Optometrists	24 241 2411 2411-11 2412 2412-11 2413 2413-11 2414 2414-11 2414-13 2414-15	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Secondary School Teachers Secondary School Teachers Special Education Teachers Special Needs Teacher Teacher of the Hearing Impaired Teacher of the Sight Impaired
2326-11 238 2381 2381-11 2381-13 2382 2382-11 2382-15 2383 2383-11 2384 2384-11 2385	Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists Hospital Pharmacist Industrial Pharmacist Retail Pharmacist Occupational Therapists Occupational Therapist Optometrists Optometrists Physiotherapists	24 241 2411 2411-11 2412 2412-11 2413 2413-11 2414 2414-13 2414-15 2414-79 242	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Secondary School Teachers Secondary School Teacher Special Education Teachers Special Needs Teacher Teacher of the Hearing Impaired Teacher of the Sight Impaired Special Education Teachers nec UNIVERSITY AND VOCATIONAL EDUCATION TEACHERS
2326-11 238 2381 2381-11 2382 2382-11 2382-15 2383 2383-11 2384 2384-11 2385 2385-11	Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists Hospital Pharmacist Industrial Pharmacist Retail Pharmacist Occupational Therapists Occupational Therapist Optometrists Optometrists Physiotherapist Physiotherapist	24 241 2411 2411-11 2412 2412-11 2413 2413-11 2414 2414-13 2414-15 2414-79 242 2421	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Secondary School Teachers Secondary School Teacher Special Education Teachers Special Needs Teacher Teacher of the Hearing Impaired Teacher of the Sight Impaired Special Education Teachers nec UNIVERSITY AND VOCATIONAL EDUCATION TEACHERS University Lecturers and Tutors
2326-11 238 2381 2381-11 2381-13 2382 2382-11 2382-15 2383 2383-11 2384 2384-11 2385	Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists Hospital Pharmacist Industrial Pharmacist Retail Pharmacist Occupational Therapists Occupational Therapist Optometrists Optometrists Physiotherapists	24 241 2411 2411-11 2412 2412-11 2413 2413-11 2414 2414-13 2414-15 2414-79 242 2421 2421-11	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Primary School Teacher Secondary School Teachers Secondary School Teachers Special Education Teachers Special Needs Teacher Teacher of the Hearing Impaired Teacher of the Sight Impaired Special Education Teachers nec UNIVERSITY AND VOCATIONAL EDUCATION TEACHERS University Lecturers and Tutors University Lecturer
2326-11 238 2381 2381-11 2382 2382-11 2382-15 2383 2383-11 2384 2384-11 2385 2385-11 2386	Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists Hospital Pharmacist Industrial Pharmacist Retail Pharmacist Occupational Therapists Occupational Therapist Optometrists Optometrists Physiotherapist Physiotherapist	24 241 2411 2411-11 2412 2412-11 2413 2413-11 2414 2414-13 2414-79 242 2421 2421-11 2421-13	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Primary School Teacher Secondary School Teacher Secondary School Teacher Special Education Teachers Special Needs Teacher Teacher of the Hearing Impaired Teacher of the Sight Impaired Special Education Teachers nec UNIVERSITY AND VOCATIONAL EDUCATION TEACHERS University Lecturers and Tutors University Lecturer University Tutor
2326-11 238 2381 2381-11 2382 2382-11 2382-15 2383 2383-11 2384 2384-11 2385 2385-11 2386	Registered Developmental Disability Nurse MISCELLANEOUS HEALTH PROFESSIONALS Dental Practitioners Dentist Dental Specialist Pharmacists Hospital Pharmacist Industrial Pharmacist Retail Pharmacist Occupational Therapists Occupational Therapist Optometrists Optometrists Physiotherapists Physiotherapist Speech Pathologists	24 241 2411 2411-11 2412 2412-11 2413 2413-11 2414-13 2414-15 2414-79 242 2421 2421-11 2421-13 2422	EDUCATION PROFESSIONALS SCHOOL TEACHERS Pre-Primary School Teachers Pre-Primary School Teacher Primary School Teachers Primary School Teachers Primary School Teacher Secondary School Teachers Secondary School Teachers Special Education Teachers Special Needs Teacher Teacher of the Hearing Impaired Teacher of the Sight Impaired Special Education Teachers nec UNIVERSITY AND VOCATIONAL EDUCATION TEACHERS University Lecturers and Tutors University Lecturer

249	MISCELLANEOUS EDUCATION PROFESSIONALS	2523	Urban and Regional Planners
2491	Extra-Systemic Teachers		Urban and Regional Planner
2491-11	Art Teacher (Private)	2529	Other Social Professionals
2491-13	Music Teacher (Private)		Historian
2491-15	Dance Teacher (Private)		Interpreter
2491-17	Drama Teacher (Private)		Translator
2491-79	Extra-Systemic Teachers nec		Social Professionals nec
2492	English as a Second Language Teachers	253	ARTISTS AND RELATED PROFESSIONALS
2492-11	English as a Second Language Teacher	2531	Visual Arts and Crafts Professionals
2493	Education Officers	2531-11	Painter (Visual Arts)
2493-11	Education Officer		Sculptor
25	SOCIAL, ARTS AND		Potter or Ceramic Artist
	MISCELLANEOUS	2531-79	Visual Arts and Crafts Professionals nec
	PROFESSIONALS	2532	Photographers
251	SOCIAL WELFARE PROFESSIONALS	2532-11	Photographer
2511	Social Workers	2533	Designers and Illustrators
2511-11	Social Worker	2533-11	Fashion Designer
2512	Welfare and Community Workers	2533-13	Graphic Designer
2512-11	Welfare Worker	2533-15	Industrial Designer
2512-13	Community Worker	2533-17	Interior Designer
2513	Counsellors	2533-19	Illustrator
2513-11	Rehabilitation Counsellor	2534	Journalists and Related Professionals
2513-13	Drug and Alcohol Counsellor	2534-11	Editor
2513-15	Family Counsellor	2534-13	Print Journalist
2513-17	Careers Counsellor	2534-15	Television Journalist
2513-19	Student Counsellor	2534-17	Radio Journalist
2513-79	Counsellors nec	2534-19	Copywriter
2514	Psychologists	2534-21	Technical Writer
2514-11	Clinical Psychologist	2534-79	Journalists and Related Professionals nec
2514-13	Educational Psychologist	2535	Authors and Related Professionals
2514-15	Organisational Psychologist	2535-11	Author
2514-79	Psychologists nec	2535-13	Book Editor
2515	Ministers of Religion	2535-15	Script Editor
2515-11	Minister of Religion	2536	Film, Television, Radio and Stage Directors
252	MISCELLANEOUS SOCIAL PROFESSIONALS	2536-11	Art Director (Film, Television or Stage)
0704			Director (Film, Television, Radio or Stage)
2521	Legal Professionals		Director of Photography
	Barrister		Film and Video Editor
	Solicitor		Stage Manager
	Legal Professionals nec		Program Director (Radio or Television)
2522	Economists		Technical Director
	Economist	-	

2536-79	Film, Television, Radio and Stage Directors	3	ASSOCIATE PROFESSIONALS
2537	nec Musicians and Related Professionals	31	SCIENCE, ENGINEERING AND
2537-11	Music Director		RELATED ASSOCIATE PROFESSIONALS
2537-13	Singer	911	MEDICAL AND SCIENCE TECHNICAL
	Instrumental Musician	311	OFFICERS
2537-17	Composer	3111	Medical Technical Officers
2537-79	Musicians and Related Professionals nec		Medical Laboratory Technical Officer
2538	Actors, Dancers and Related		Medical Technical Officers nec
0.500.11	Professionals	3112	Science Technical Officers
2538-11		3112-11	Chemistry Technical Officer
	Dancer or Choreographer		Earth Science Technical Officer
2538-79	Actors, Dancers and Related Professionals nec		Life Science Technical Officer
2539	Media Presenters	3112-17	Agricultural Technical Officer
	Radio Presenter		Science Technical Officers nec
	Television Presenter	312	BUILDING AND ENGINEERING
254	MISCELLANEOUS PROFESSIONALS		ASSOCIATE PROFESSIONALS
2541	Air Transport Professionals	3121	Building, Architectural and Surveying Associate Professionals
2541-11	Aircraft Pilot	3121-11	Building Associate
2541-13	Air Traffic Controller		Architectural Associate
2541-15	Flight Service Officer	3121-15	Surveying and Cartographic Associate
2541-17	Flight Engineer		Building Inspector
2541-19	Flying Instructor	3121-19	Plumbing Inspector
2541-79	Air Transport Professionals nec	3121-21	Plumbing Engineering Associate
2542	Sea Transport Professionals	3122	Civil Engineering Associate
2542-11	Ship's Master		Professionals
2542-13	Master Fisher		Civil Engineering Associate
	Ship's Engineer	3122-13	Civil Engineering Technician
	Ship's Surveyor	3123	Electrical Engineering Associate Professionals
	Ship's Officer	0100 11	
	Sea Transport Professionals nec		Electrical Engineering Associate Electrical Engineering Technician
2543	Occupational and Environmental Health Professionals	3123-13	Electronic Engineering Associate
2543-11	Occupational Health and Safety Officer	3124	Professionals
	Environmental Health Officer	3124-11	Electronic Engineering Associate
2549	Other Professionals	3124-13	Electronic Engineering Technician
2549-11	Conservator	3125	Mechanical Engineering Associate
2549-13	Electorate Officer		Professionals
2549-15	Patents Examiner		Mechanical Engineering Associate
2549-17	Oenologist		Mechanical Engineering Technician
2549-19	Recreation Officer	3129	Other Building and Engineering Associate Professionals
2549-21	Museum or Gallery Curator	0100 11	
2549-79	Professionals nec		Biomedical Engineering Associate
		3129-13	Metallurgical and Materials Technician

3129-15	Mine Deputy	3322	Chefs
3129-79	Building and Engineering Associate Professionals nec	3322-01 3322-11	Head Chef
32	BUSINESS AND		
	ADMINISTRATION ASSOCIATE	3323	Hotel and Motel Managers Hotel or Motel Manager
	PROFESSIONALS		ğ.
321	FINANCE ASSOCIATE PROFESSIONALS	3324	Club Managers (Licensed Premises)
3211	Branch Accountants and Managers		Club Manager (Licensed Premises)
	(Financial Institution)	3325	Caravan Park and Camping Ground Managers
3211-11	Branch Accountant (Financial Institution)	3325-11	Caravan Park and Camping Ground
3211-13	Financial Institution Branch Manager	0020 11	Manager
3212	Financial Dealers and Brokers	3329	Other Hospitality and Accommodation
3212-11	Stockbroking Dealer		Managers
3212-13	Futures Trader	3329-11	Other Hospitality and Accommodation
	Financial Market Dealer		Managers
	Commodities Trader	339	MISCELLANEOUS MANAGING SUPERVISORS (SALES AND SERVICE)
	Insurance Broker	0001	
	Bookmaker	3391	Sport and Recreation Managers
	Financial Dealers and Brokers nec		Fitness Centre Manager Other Sports Centre Manager
3213	Financial Investment Advisers		Other Sports Centre Manager
3213-11	Financial Investment Adviser		Amusement Centre Manager Sport and Recreation Managers nec
329	MISCELLANEOUS BUSINESS AND ADMINISTRATION ASSOCIATE	3391-79 3392	•
	PROFESSIONALS		Customer Service Managers
3291	Office Managers		Customer Service Manager
	Office Manager	3393	Transport Company Managers
3292	Project and Program Administrators		Transport Company Manager
	Project or Program Administrator	3399	Other Managing Supervisors (Sales and Service)
3293	Real Estate Associate Professionals	3399-11	Post Office Manager
	Real Estate Agency Manager		Railway Station Manager
	Property Manager	3399-15	Betting Agency Branch Manager
	Real Estate Salesperson	3399-17	Hair and Beauty Salon Manager
3294	Computing Support Technicians	3399-19	Car Rental Agency Manager
	Computing Support Technician	3399-21	Fleet Manager
33	MANAGING SUPERVISORS	3399-23	Stock and Station Agent
JJ	(SALES AND SERVICE)		Travel Agency Manager
001			Theatre or Cinema Manager
331	SHOP MANAGERS		Funeral Director
3311	Shop Managers	3399-79	Managing Supervisors (Sales and Service)
3311-11	1 0	0.4	nec
332	HOSPITALITY AND ACCOMMODATION MANAGERS	34	HEALTH AND WELFARE ASSOCIATE PROFESSIONALS
3321	Restaurant and Catering Managers	341	ENROLLED NURSES
3321-11	Restaurant and Catering Manager	3411	Enrolled Nurses

3411-11	Enrolled Nurse	3993-23	Swimming Coach
342	WELFARE ASSOCIATE PROFESSIONALS	3993-25	Horseriding Coach
3421	Welfare Associate Professionals	3993-27	Other Sports Coach
3421-11	Parole or Probation Officer		Sports Development Officer
	Youth Worker		Sports Umpire
	Residential Care Officer		Horse or Dog Racing Official
3421-17	Disabilities Services Officer	3993-35	Other Sports Official
3421-19	Family Support Worker	3994	Senior Non-Commissioned Defence Force Officers
349	MISCELLANEOUS HEALTH AND WELFARE ASSOCIATE PROFESSIONALS	3994-11	Senior Non-Commissioned Defence Force Officer
3491	Ambulance Officers and Paramedics	3995	Senior Fire Fighters
3491-11	Ambulance Officer	3995-11	Senior Fire Fighter
3491-13	Intensive Care Ambulance Paramedic	3996	Retail Buyers
3492	Dental Associate Professionals		Retail Buyer
3492-11	Dental Therapist	3997	Library Technicians
	Dental Hygienist		Library Technician
3492-15	Dental Technician	3999	Other Miscellaneous Associate
3493	Aboriginal and Torres Strait Islander Health Workers		Professionals
3493-11	Aboriginal and Torres Strait Islander Health Worker		Interior Decorator Museum or Art Gallery Technician
2404			Radio Operator
3494	Massage Therapists		Private Investigator
	Massage Therapist		Security Adviser
39	OTHER ASSOCIATE PROFESSIONALS	3999-79	Associate Professionals nec
		4	TRADESPERSONS AND RELATED
391	POLICE OFFICERS		WORKERS
3911	Police Officers	41	MECHANICAL AND
3911-01	Supervisor, Police Officers		FABRICATION ENGINEERING
3911-11	Police Officer		TRADESPERSONS
399	MISCELLANEOUS ASSOCIATE PROFESSIONALS	411	MECHANICAL ENGINEERING TRADESPERSONS
3991	Primary Products Inspectors	4111	General Mechanical Engineering
3991-11	Primary Products Inspector		Tradespersons
3992	Safety Inspectors	4111-01	Supervisor, General Mechanical Engineering Tradespersons
3992-11	Safety Inspector	4111 ₋ 11	General Mechanical Engineering
3993	Sportspersons, Coaches and Related Support Workers		Tradesperson
3993-11	Jockey	4111-81	Apprentice General Mechanical Engineering Tradesperson
3993-13		4112	Metal Fitters and Machinists
3993-15	Footballer		Supervisor, Metal Fitters and Machinists
3993-17	Other Sportsperson	4112-01	-
3993-19	Gymnastics Coach		Metal Machinist (First Class)
3993-21	Tennis Coach		Textile, Clothing or Footwear Mechanic

4112-83 Apprentice Metal Machinist Apprentice Textile, Clothing or Footwean Mechanic Apprentice Textile, Clothing or Footwean Mechanic Apprentice Textile, Clothing or Footwean Mechanic Apprentice Toolmaker Alti-3-10 Supervisor, Toolmakers Apprentice Toolmaker Alti-3-11 Toolmaker Apprentice Toolmaker Alti-3-11 Toolmaker Apprentice Toolmaker Alti-3-12 Apprentice Toolmaker Alti-4-13 Apprentice Toolmaker Alti-4-14 Apprentice Toolmaker Alti-4-15 Aircraft Maintenance Engineers Aircraft Maintenance Engineer Aircraft Maintenance Engineer (Structures) Alti-4-15 Aircraft Maintenance Engineer (Avionics) Alti-4-13 Aircraft Maintenance Engineer (Structures) Alti-4-13 Aircraft Maintenance Engineer (Avionics) Alti-4-15 Aircraft Maintenance Engineer (Mechanical) Apprentice Aircraft Maintenance Engineer (Mechanical) Apprentice Aircraft Maintenance Engineer (Avionics) Alti-4-18 Apprentice Metal Casting Tradesperson Alt-2-19 Apprentice Metal Polisher Alti-2-8 Apprentice Metal Polisher Alti-2-8 Apprentice Metal Polisher Alti-2-9 Cusmith Alti-1-19 Apprentice Metal Tradesperson Alt-2-10 Supervisor, Motor Mechanics Alti-1-19 Apprentice Metal Apprentice Metal Apprentice Metal Casting Tradesperson Alti-2-10 Supervisor, Motor Mechanics Alti-1-19 Apprentice Metal Apprentice Metal Apprentice Metal Casting Tradesperson Alti-2-10 Supervisor, Motor Mechanics Alti-1-19 Apprentice Metal Apprentice Metal Apprentice Metal Apprentice Meta	4112-81	Apprentice Fitter	4122-83	Apprentice Welder
Mechanic 4113 Toolmakers 4123-11 Blacksmith 4123-13 Farrier 4123-13 Apprentice Toolmaker 4123-13 Apprentice Foolmaker 4123-13 Apprentice Farrier 4124 Sheetmetal Tradespersons 4114-13 Aircraft Maintenance Engineer (Mechanical) 4114-13 Aircraft Maintenance Engineer (Mechanical) 4114-13 Aircraft Maintenance Engineer (Avionics) 4114-15 Aircraft Maintenance Engineer (Avionics) 4114-15 Apprentice Aircraft Maintenance Engineer (Mechanical) 4125-41 Supervisor, Metal Casting Tradesperson 4125-41 Supervisor, Metal Casting Tradesperson 4126-81 Apprentice Aircraft Maintenance Engineer (Avionics) 4126-81 Apprentice Metal Casting Tradesperson 4126-81 Apprentice Aircraft Maintenance Engineer (Avionics) 4126-81 Apprentice Metal Casting Tradesperson 4126-81 Apprentice Metal Polisher	4112-83	Apprentice Metal Machinist	4123	Forging Tradespersons
4113 Toolmakers 4113-01 Supervisor, Toolmakers 4113-11 Toolmaker 4113-81 Apprentice Toolmaker 4114-12 Supervisor, Aircraft Maintenance Engineers 4114-01 Supervisor, Aircraft Maintenance Engineer (Mechanical) 4114-13 Aircraft Maintenance Engineer (Mechanical) 4114-15 Aircraft Maintenance Engineer (Avionics) 4114-16 Aircraft Maintenance Engineer (Avionics) 4114-17 Aircraft Maintenance Engineer (Avionics) 4114-18 Apprentice Aircraft Maintenance Engineer (Mechanical) 4114-18 Apprentice Aircraft Maintenance Engineer (Avionics) 4114-19 Apprentice Aircraft Maintenance Engineer (Structures) 4114-19 Apprentice Aircraft Maintenance Engineer (Avionics) 4114-83 Apprentice Aircraft Maintenance Engineer (Structures) 4114-83 Apprentice Aircraft Maintenance Engineer (Structures) 4115-10 Supervisor, Precision Metal Tradespersons 4115-11 Precision Instrument Maker and Repairer 4115-13 Watch and Clock Maker and Repairer 4115-15 Locksmith 4115-17 Saw Maker and Repairer 4115-18 Apprentice Precision Metal Tradespersons 4126-01 Supervisor, Metal Polisher 4126-18 Apprentice Mater and Repairer 4115-19 Coursmith 4115-19 Coursmith 4115-19 Coursmith 4115-10 Supervisor, General Fabrication Engineering Tradespersons 4121-11 General Fabrication Engineering Tradespersons 4122-11 Supervisor, Vehicle Painters 4214-01 Supervisor, Vehicle Painters 4214-01 Supervisor, Vehicle Painters 4214-01 Supervisor, Vehicle Painters 4214-01 Supervisor, Vehicle Body Makers 4215-01 Supervisor, Vehicle Body Makers	4112-85		4123-01	Supervisor, Forging Tradespersons
4113-01 Supervisor, Toolmakers 4113-11 Toolmaker 4113-13 Paprentice Toolmaker 4114-14 Aircraft Maintenance Engineers 4114-01 Supervisor, Aircraft Maintenance Engineers 4114-15 Aircraft Maintenance Engineer (Mechanical) 4114-13 Aircraft Maintenance Engineer (Structures) 4114-15 Aircraft Maintenance Engineer (Avionics) 4114-16 Aircraft Maintenance Engineer (Avionics) 4114-17 Aircraft Maintenance Engineer (Avionics) 4114-18 Apprentice Aircraft Maintenance Engineer (Avionics) 4114-83 Apprentice Aircraft Maintenance Engineer (Avionics) 4114-83 Apprentice Aircraft Maintenance Engineer (Avionics) 4115-10 Supervisor, Precision Metal Tradespersons 4115-11 Precision Instrument Maker and Repairer 4115-12 Saw Maker and Repairer 4115-13 Watch and Clock Maker and Repairer 4115-14 Gunsmith 4115-15 Iocksmith 4115-16 Sunsmith 4115-17 Gunsmith 4115-18 Apprentice Precision Metal Tradesperson 4115-19 Gunsmith 4115-19 Gunsmith 4115-10 Supervisor, General Fabrication Engineering Tradespersons 4121-10 Engraver 4115-11 General Fabrication Engineering Tradespersons 4121-11 General Fabrication Engineering Tradespersons 4122-11 Supervisor, Structural Steel and Welding Tradespersons 4122-11 Metal Fabricator 4122-11 Metal Fabricator 4123-13 Fartrer 4124-11 Supervisor, Aircraft Maintenance Engineer 4125-13 Metal Casting Tradespersons 4126-14 Supervisor, Metal Casting Tradespersons 4126-15 Supervisor, Metal Casting Tradesperson 4126-16 Supervisor, Metal Casting Tradesperson 4126-11 Metal Polisher 4126 Metal Fabrication Engineering Tradespersons 4126-13 Electroplater (First Class) 4126-13 Electroplater (First Class) 4126-13 Electroplater (First Class) 4126-13 Motor Mechanics 4211-10 Motor Mechanic 4211-11 Motor Mechanics 4211-11 Motor Mechanic 4211-11 Motor Mechanic 4211-11 Motor Mechanic 4212-11 Automotive Electricians 4212-11 Automotive Electricians 4213-11 Panel Beater 4214-11 Veh			4123-11	Blacksmith
4113-11 Toolmaker 4113-81 Apprentice Toolmaker 4114-01 Supervisor, Aircraft Maintenance Engineers 4114-01 Supervisor, Aircraft Maintenance Engineer (Mechanical) 4114-13 Aircraft Maintenance Engineer (Structures) 4114-13 Aircraft Maintenance Engineer (Avionics) 4114-13 Aircraft Maintenance Engineer (Avionics) 4114-13 Aircraft Maintenance Engineer (Avionics) 4114-14 Apprentice Aircraft Maintenance Engineer (Mechanical) 4114-83 Apprentice Aircraft Maintenance Engineer (Avionics) 4114-85 Apprentice Aircraft Maintenance Engineer (Avionics) 4115-10 Supervisor, Precision Metal Tradespersons 4115-11 Precision Instrument Maker and Repairer 4115-13 Watch and Clock Maker and Repairer 4115-15 Locksmith 4115-17 Locksmith 4115-18 Apprentice Precision Metal Tradespersons 4115-19 Gunsmith 4115-19 Gunsmith 4115-21 Engraver 4115-19 Gunsmith 4115-21 Engraver 4116-31 Supervisor, Metal Tradespersons 4121-10 Supervisor, Precision Metal Tradespersons 4121-11 General Fabrication Engineering Tradespersons 4121-12 General Fabrication Engineering Tradespersons 4121-13 General Fabrication Engineering Tradespersons 4121-14 General Fabrication Engineering Tradespersons 4121-15 General Fabrication Engineering Tradespersons 4121-16 General Fabrication Engineering Tradespersons 4121-17 General Fabrication Engineering Tradespersons 4121-18 Apprentice General Fabrication Engineering Tradespersons 4121-19 General Fabrication Engineering Tradespersons 4121-10 General Fabrication Engineering Tradespersons 4121-11 General Fabrication Engineering Tradespersons 4121-12 General Fabrication Engineering Tradespersons 4121-13 General Fabrication Engineering Tradespersons 4121-14 Vehicle Painters 4121-15 General Fabrication Engineering Tr			4123-13	Farrier
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4114-11 Aircraft Maintenance Engineer (Mechanical) 4114-13 Aircraft Maintenance Engineer (Structures) 4114-15 Aircraft Maintenance Engineer (Mechanical) 4114-18 Apprentice Aircraft Maintenance Engineer (Mechanical) 4114-83 Apprentice Aircraft Maintenance Engineer (Mechanical) 4114-83 Apprentice Aircraft Maintenance Engineer (Structures) 4114-85 Apprentice Aircraft Maintenance Engineer (Structures) 4114-87 Apprentice Aircraft Maintenance Engineer (Structures) 4115-19 Precision Metal Tradespersons 4115-10 Supervisor, Precision Metal Tradespersons 4115-11 Precision Instrument Maker and Repairer 4115-13 Watch and Clock Maker and Repairer 4115-15 Locksmith 4115-16 Gunsmith 4115-17 Saw Maker and Repairer 4115-18 Apprentice Precision Metal Tradesperson 4121-10 Supervisor, General Fabrication Engineering Tradespersons 4121-10 Supervisor, General Fabrication Engineering Tradespersons 4121-11 General Fabrication Engineering Tradesperson 4122-11 Mutomotive Electrician 4213-21 Supervisor, Precision Metal Tradesperson 4121-21 Supervisor, Structural Steel and Welding Tradesperson 4122-11 Supervisor, Vehicle Painter 4214-21 Vehicle Body Makers 4215-31 Supervisor, Vehicle Body Makers 4216-81 App	4114	Aircraft Maintenance Engineers	4124-01	Supervisor, Sheetmetal Tradespersons
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4122-81 Apprentice Metal Fabricator	4115-15 4115-17 4115-19 4115-21 4115-81 412 4121 4121-01 4121-11 4121-81 4122 4122-01 4122-11 4122-13	Locksmith Saw Maker and Repairer Gunsmith Engraver Apprentice Precision Metal Tradesperson FABRICATION ENGINEERING TRADESPERSONS General Fabrication Engineering Tradespersons Supervisor, General Fabrication Engineering Tradespersons General Fabrication Engineering Tradesperson Apprentice General Fabrication Engineering Tradesperson Structural Steel and Welding Tradespersons Supervisor, Structural Steel and Welding Tradespersons Metal Fabricator Pressure Welder	4211 4211-01 4211-11 4211-81 4212 4212-01 4212-11 4212-81 4213-01 4213-11 4213-81 4214 4214-01 4214-11 4214-81 4215	Motor Mechanics Supervisor, Motor Mechanics Motor Mechanic Apprentice Motor Mechanic Automotive Electricians Supervisor, Automotive Electricians Automotive Electrician Apprentice Automotive Electrician Panel Beaters Supervisor, Panel Beaters Panel Beater Apprentice Panel Beater Vehicle Painters Supervisor, Vehicle Painters Vehicle Painter Apprentice Vehicle Painter Vehicle Body Makers
	4115-15 4115-17 4115-19 4115-21 4115-81 412 4121 4121-01 4121-11 4121-81 4122 4122-01 4122-11 4122-13 4122-15	Locksmith Saw Maker and Repairer Gunsmith Engraver Apprentice Precision Metal Tradesperson FABRICATION ENGINEERING TRADESPERSONS General Fabrication Engineering Tradespersons Supervisor, General Fabrication Engineering Tradespersons General Fabrication Engineering Tradesperson Apprentice General Fabrication Engineering Tradesperson Structural Steel and Welding Tradespersons Supervisor, Structural Steel and Welding Tradespersons Metal Fabricator Pressure Welder Welder (First Class)	4211 4211-01 4211-11 4211-81 4212 4212-01 4212-11 4212-81 4213 4213-01 4213-11 4213-81 4214-01 4214-11 4214-81 4215-01	Motor Mechanics Supervisor, Motor Mechanics Motor Mechanic Apprentice Motor Mechanic Automotive Electricians Supervisor, Automotive Electricians Automotive Electrician Apprentice Automotive Electrician Panel Beaters Supervisor, Panel Beaters Panel Beater Apprentice Panel Beater Vehicle Painters Supervisor, Vehicle Painters Vehicle Painter Apprentice Vehicle Painter Vehicle Body Makers Supervisor, Vehicle Body Makers

4215-81	Apprentice Vehicle Body Maker	4315-81	Apprentice Electronic Equipment
4216	Vehicle Trimmers	4017.00	Tradesperson
4216-01	Supervisor, Vehicle Trimmers		Apprentice Business Machine Mechanic
4216-11	Vehicle Trimmer	4316	Communications Tradespersons
	Apprentice Vehicle Trimmer	4316-01	Supervisor, Communications Tradespersons
43	ELECTRICAL AND ELECTRONICS	4316-11	General Communications Tradesperson
	TRADESPERSONS	4316-13	Communications Linesperson
431	ELECTRICAL AND ELECTRONICS TRADESPERSONS	4316-81	Apprentice General Communications Tradesperson
4311	Electricians	4316-83	Apprentice Communications Linesperson
4311-01	Supervisor, Electricians	44	CONSTRUCTION
4311-11	General Electrician		TRADESPERSONS
4311-13	Electrician (Special Class)	441	STRUCTURAL CONSTRUCTION
4311-15	Lift Mechanic		TRADESPERSONS
4311-81	Apprentice Electrician	4411	Carpentry and Joinery Tradespersons
4311-83	Apprentice Lift Mechanic	4411-01	Supervisor, Carpentry and Joinery
4312	Refrigeration and Airconditioning		Tradespersons
	Mechanics	4411-11	Carpenter and Joiner
4312-01	Supervisor, Refrigeration and	4411-13	Carpenter
4010 11	Airconditioning Mechanics	4411-15	Joiner
4312-11	Refrigeration and Airconditioning Mechanic		Apprentice Carpenter and Joiner
4312-81	Apprentice Refrigeration and		Apprentice Carpenter
	Airconditioning Mechanic	4411-85	Apprentice Joiner
4313	Electrical Distribution Tradespersons	4412	Fibrous Plasterers
4313-01	Supervisor, Electrical Distribution		Supervisor, Fibrous Plasterers
	Tradespersons	4412-11	Fibrous Plasterer
	Electrical Powerline Tradesperson	4412-81	Apprentice Fibrous Plasterer
	Cable Jointer		
		4413	Roof Slaters and Tilers
4313-81	Apprentice Electrical Powerline	4413-01	Supervisor, Roof Slaters and Tilers
	Apprentice Electrical Powerline Tradesperson	4413-01 4413-11	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler
4313-83	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer	4413-01 4413-11	Supervisor, Roof Slaters and Tilers
4313-83 4314	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer Electronic Instrument Tradespersons	4413-01 4413-11	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler
4313-83 4314	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer	4413-01 4413-11 4413-81 4414	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler Apprentice Roof Slater and Tiler
4313-83 4314 4314-01	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer Electronic Instrument Tradespersons Supervisor, Electronic Instrument	4413-01 4413-11 4413-81 4414 4414-01 4414-11	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler Apprentice Roof Slater and Tiler Bricklayers Supervisor, Bricklayers Bricklayer
4313-83 4314 4314-01 4314-11	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer Electronic Instrument Tradespersons Supervisor, Electronic Instrument Tradespersons General Electronic Instrument Tradesperson	4413-01 4413-11 4413-81 4414 4414-01 4414-11	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler Apprentice Roof Slater and Tiler Bricklayers Supervisor, Bricklayers
4313-83 4314 4314-01 4314-11	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer Electronic Instrument Tradespersons Supervisor, Electronic Instrument Tradespersons General Electronic Instrument Tradesperson Electronic Instrument Tradesperson	4413-01 4413-11 4413-81 4414 4414-01 4414-11 4414-81 4415	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler Apprentice Roof Slater and Tiler Bricklayers Supervisor, Bricklayers Bricklayer Apprentice Bricklayer Solid Plasterers
4313-83 4314 4314-01 4314-11 4314-13	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer Electronic Instrument Tradespersons Supervisor, Electronic Instrument Tradespersons General Electronic Instrument Tradesperson	4413-01 4413-11 4413-81 4414 4414-01 4414-11 4414-81 4415	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler Apprentice Roof Slater and Tiler Bricklayers Supervisor, Bricklayers Bricklayer Apprentice Bricklayer Solid Plasterers Supervisor, Solid Plasterers
4313-83 4314 4314-01 4314-11 4314-13	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer Electronic Instrument Tradespersons Supervisor, Electronic Instrument Tradespersons General Electronic Instrument Tradesperson Electronic Instrument Tradesperson (Special Class)	4413-01 4413-11 4413-81 4414 4414-01 4414-11 4414-81 4415 4415-01 4415-11	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler Apprentice Roof Slater and Tiler Bricklayers Supervisor, Bricklayers Bricklayer Apprentice Bricklayer Solid Plasterers Supervisor, Solid Plasterers Solid Plasterer
4313-83 4314 4314-01 4314-11 4314-13	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer Electronic Instrument Tradespersons Supervisor, Electronic Instrument Tradespersons General Electronic Instrument Tradesperson Electronic Instrument Tradesperson (Special Class) Apprentice Electronic Instrument Tradesperson Electronic Instrument Tradesperson Electronic Electronic Instrument Tradesperson	4413-01 4413-11 4413-81 4414 4414-01 4414-11 4414-81 4415 4415-01 4415-11 4415-81	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler Apprentice Roof Slater and Tiler Bricklayers Supervisor, Bricklayers Bricklayer Apprentice Bricklayer Solid Plasterers Supervisor, Solid Plasterers Solid Plasterer Apprentice Solid Plasterer
4313-83 4314 4314-01 4314-13 4314-81 4315	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer Electronic Instrument Tradespersons Supervisor, Electronic Instrument Tradespersons General Electronic Instrument Tradesperson Electronic Instrument Tradesperson (Special Class) Apprentice Electronic Instrument Tradesperson Electronic and Office Equipment Tradespersons	4413-01 4413-11 4413-81 4414 4414-01 4414-11 4414-81 4415 4415-01 4415-11 4415-81 4416	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler Apprentice Roof Slater and Tiler Bricklayers Supervisor, Bricklayers Bricklayer Apprentice Bricklayer Solid Plasterers Supervisor, Solid Plasterers Solid Plasterer Apprentice Solid Plasterer Wall and Floor Tilers and Stonemasons
4313-83 4314 4314-01 4314-13 4314-81 4315	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer Electronic Instrument Tradespersons Supervisor, Electronic Instrument Tradespersons General Electronic Instrument Tradesperson Electronic Instrument Tradesperson (Special Class) Apprentice Electronic Instrument Tradesperson Electronic Instrument Tradesperson Electronic Electronic Instrument Tradesperson	4413-01 4413-11 4413-81 4414 4414-01 4414-11 4414-81 4415 4415-01 4415-11 4415-81 4416	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler Apprentice Roof Slater and Tiler Bricklayers Supervisor, Bricklayers Bricklayer Apprentice Bricklayer Solid Plasterers Supervisor, Solid Plasterers Solid Plasterer Apprentice Solid Plasterer
4313-83 4314 4314-01 4314-13 4314-81 4315 4315-01 4315-11	Apprentice Electrical Powerline Tradesperson Apprentice Cable Jointer Electronic Instrument Tradespersons Supervisor, Electronic Instrument Tradespersons General Electronic Instrument Tradesperson Electronic Instrument Tradesperson (Special Class) Apprentice Electronic Instrument Tradesperson Electronic and Office Equipment Tradespersons Supervisor, Electronic and Office	4413-01 4413-11 4413-81 4414 4414-01 4414-11 4414-81 4415 -01 4415-11 4415-81 4416 4416-01	Supervisor, Roof Slaters and Tilers Roof Slater and Tiler Apprentice Roof Slater and Tiler Bricklayers Supervisor, Bricklayers Bricklayer Apprentice Bricklayer Solid Plasterers Supervisor, Solid Plasterers Solid Plasterer Apprentice Solid Plasterer Wall and Floor Tilers and Stonemasons Supervisor, Wall and Floor Tilers and

4416-81	Apprentice Wall and Floor Tiler	4512-11	Baker
4416-83	Apprentice Stonemason	4512-13	Pastrycook
442	FINAL FINISHES CONSTRUCTION	4512-81	Apprentice Baker
	TRADESPERSONS	4512-83	Apprentice Pastrycook
4421	Painters and Decorators	4513	Cooks
4421-01	Supervisor, Painters and Decorators	4513-11	Cook
4421-11	Painter and Decorator	4513-81	Apprentice Cook or Chef
4421-81	Apprentice Painter and Decorator	4519	Other Food Tradespersons
4422	Signwriters	4519-11	Miller
4422-01	Supervisor, Signwriters	4519-13	Buttermaker or Cheesemaker
4422-11	Signwriter	4519-15	Confectioner
4422-81	Apprentice Signwriter	4519-81	Apprentice Miller
4423	Floor Finishers	4519-83	Apprentice Buttermaker or Cheesemaker
4423-01	Supervisor, Floor Finishers	4519-85	Apprentice Confectioner
4423-11	Floor Finisher	46	SKILLED AGRICULTURAL AND
4423-81	Apprentice Floor Finisher		HORTICULTURAL WORKERS
443	PLUMBERS	461	SKILLED AGRICULTURAL WORKERS
4431	Plumbers	4611	Farm Overseers
4431-01	Supervisor, Plumbers	4611-11	Farm Overseer
4431-11	General Plumber	4612	Shearers
4431-13	Gasfitter	4612-11	Shearer
4431-15	Drainer	4613	Wool, Hide and Skin Classers
	Roof Plumber	4613-11	Wool Classer
4431-19	Mechanical Services and Airconditioning Plumber		Hide and Skin Classer
<i>4</i> 431-81	Apprentice General Plumber	4614	Animal Trainers
	Apprentice Gasfitter	4614-11	Horse Trainer
	Apprentice Drainer		Animal Trainers nec
	Apprentice Roof Plumber	462	HORTICULTURAL TRADESPERSONS
	Apprentice Mechanical Services and	4621	Nurserypersons
	Airconditioning Plumber		Nurseryperson
45	FOOD TRADESPERSONS		Apprentice Nurseryperson
451	FOOD TRADESPERSONS	4622	Greenkeepers
4511	Meat Tradespersons	_	Greenkeeper
4511-01	Supervisor, Meat Tradespersons		Apprentice Greenkeeper
	Butcher	4623	Gardeners
4511-13	Smallgoods Maker		Head Gardener
4511-15	Slaughterperson		General Gardener
4511-81	Apprentice Butcher		Landscape Gardener
4511-83	Apprentice Smallgoods Maker		Tree Surgeon
4511-85	Apprentice Slaughterperson		Apprentice General Gardener
4512	Bakers and Pastrycooks		Apprentice Landscape Gardener
4512-01	Supervisor, Bakers and Pastrycooks		Apprentice Tree Surgeon
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49	OTHER TRADESPERSONS AND RELATED WORKERS	494	TEXTILE, CLOTHING AND RELATED TRADESPERSONS
491	PRINTING TRADESPERSONS	4941	Clothing Tradespersons
4911	Graphic Pre-Press Tradespersons	4941-11	General Clothing Tradesperson
	Graphic Pre-Press Tradesperson	4941-13	Tailor
	Apprentice Graphic Pre-Press	4941-15	Dressmaker
1011 01	Tradesperson		Apparel Cutter
4912	Printing Machinists and Small Offset		Patternmaker-Grader (Clothing)
	Printers		Clothing Tradespersons nec
4912-11	Printing Machinist	4941-81	Apprentice Clothing Tradesperson
4912-13	Small Offset Printer	4942	Upholsterers and Bedding
4912-81	Apprentice Printing Machinist		Tradespersons
4912-83	Apprentice Small Offset Printer		Furniture Upholsterer
4913	Binders and Finishers	4942-79	Upholsterers and Bedding Tradespersons nec
4913-11	Binder and Finisher	4942-81	Apprentice Upholsterer or Bedding
4913-81	Apprentice Binder and Finisher		Tradespersons
4914	Screen Printers	4943	Footwear Tradespersons
4914-11	Screen Printer	4943-11	Shoemaker
4914-81	Apprentice Screen Printer	4943-13	Medical Grade Shoemaker
492	WOOD TRADESPERSONS	4943-81	Apprentice Shoemaker
4921	Wood Machinists and Turners	4944	Leather Goods, Canvas Goods and Sail Makers
	Wood Machinist (A-Grade)	4944-11	Leather Goods Maker
	Wood Turner	4944-13	Canvas Goods Maker
	Apprentice Wood Machinist	4944-15	Sail Maker
	Apprentice Wood Turner	4944-81	Apprentice Leather Goods, Canvas Goods
4922	Cabinetmakers		or Sail Maker
	Supervisor, Cabinetmakers	498	MISCELLANEOUS TRADESPERSONS
	Cabinetmaker		AND RELATED WORKERS
	Apprentice Cabinetmaker	4981	Marine Construction Tradespersons
4929	Other Wood Tradespersons		Shipwright
	Picture Framer		Boat Builder and Repairer
	Furniture Finisher		Apprentice Shipwright
	Wood Tradespersons nec	4981-83	Apprentice Boat Builder and Repairer
	Apprentice Picture Framer	4982	Glass Tradespersons
	Apprentice Furniture Finisher	4982-11	Flat Glass Tradesperson
	Apprentice Wood Tradespersons nec	4982-13	Glass Blower
493	HAIRDRESSERS	4982-81	Apprentice Flat Glass Tradesperson
4931	Hairdressers	4982-83	Apprentice Glass Blower
4931-01	Supervisor, Hairdressers	4983	Jewellers and Related Tradespersons
4931-11	Hairdresser	4983-11	Jeweller
4931-81	Apprentice Hairdresser	4983-13	Gem Cutter and Polisher
		4983-81	Apprentice Jeweller
		4983-83	Apprentice Gem Cutter and Polisher

4984	Florists	5	ADVANCED CLERICAL AND
4984-11	Florist		SERVICE WORKERS
4985	Fire Fighters	51	SECRETARIES AND PERSONAL
4985-11	Fire Fighter		ASSISTANTS
4986	Drillers	511	SECRETARIES AND PERSONAL ASSISTANTS
4986-01	Supervisor, Drillers		
4986-11	Driller	5111	Secretaries and Personal Assistants
4987	Chemical, Petroleum and Gas Plant Operators		Secretary Personal Assistant
40 <u>9</u> 7 01	-	59	OTHER ADVANCED CLERICAL
4507-01	Supervisor, Chemical, Petroleum and Gas Plant Operators	JJ	AND SERVICE WORKERS
4987-11	Chemical Plant Operator	591	ADVANCED NUMERICAL CLERKS
4987-13	Petroleum and Gas Plant Operator	5911	Bookkeepers
4988	Power Generation Plant Operators		Bookkeeper
4988-01	Supervisor, Power Generation Plant	5911-11 5912	Credit and Loans Officers
4000 11	Operators Power Consention Plant Operator		Credit and Loans Officer
	Power Generation Plant Operator	5912-11 599	MISCELLANEOUS ADVANCED
4991	Defence Force Members Not Elsewhere Included	วขข	CLERICAL AND SERVICE WORKERS
4991-11	Defence Force Member Not Elsewhere Included	5991	Advanced Legal and Related Clerks
4001 Q1	Trainee Defence Force Member Not	5991-11	Clerk of Court
4551-01	Elsewhere Included		Law Clerk
4992	Performing Arts Support Workers	5991-15	Trust Officer
4992-11	Sound Technician	5992	Court and Hansard Reporters
4992-13	Camera Operator (Film, Television or	5992-11	Court or Hansard Reporter
	Video)	5993	Insurance Agents
	Television Equipment Operator	5993-11	Insurance Agent
	Broadcast Transmitter Operator	5994	Insurance Risk Surveyors, Investigators
	Motion Picture Projectionist		and Loss Adjusters
	Light Technician		Insurance Risk Surveyor
4992-23	Production Assistant (Film, Television or Radio)		Insurance Investigator
4992-25	Production Assistant (Theatre)		Insurance Loss Adjuster
	Make Up Artist	5995	Desktop Publishing Operators
	Performing Arts Support Workers nec	5995-11	Desktop Publishing Operator
4999	Other Miscellaneous Tradespersons	5996	Travel Attendants
	and Related Workers	5996-11	Flight Service Director
4999-11	Optical Mechanic		Flight Attendant
4999-13	Diver	5996-79	Travel Attendants nec
	Aircraft Safety Equipment Worker	5999	Other Miscellaneous Advanced Clerical and Service Workers
	Piano Tuner	5000 11	
4999-79	Tradespersons and Related Workers nec		Radio Despatcher Auctioneer
			Visual Merchandiser
			Photographer's Assistant
		3999-17	FHOLOGIADHELS ASSISTANT

6	INTERMEDIATE CLERICAL, SALES AND SERVICE WORKERS	6153	Stock and Purchasing Clerks
61	INTERMEDIATE CLERICAL		Supervisor, Stock and Purchasing Clerks Stock Clerk
O1	WORKERS		Purchasing Officer
611	GENERAL CLERKS		Order Clerk
			Sales Clerk
6111	General Clerks	619	MISCELLANEOUS INTERMEDIATE
6111-11	General Clerk	019	CLERICAL WORKERS
612	KEYBOARD OPERATORS	6191	Inquiry and Admissions Clerks
6121	Keyboard Operators		Inquiry Clerk
6121-11	Typist and Word Processing Operator		Admissions Clerk
6121-13	Data Entry Operator	6192	Library Assistants
613	RECEPTIONISTS		Library Assistant
6131	Receptionists	6193	Personnel Clerks
6131-11	Receptionist		
614	INTERMEDIATE NUMERICAL CLERKS		Personnel Records Clerk
6141	Accounting Clerks		Employment Office Clerk
	Supervisor, Accounting Clerks	6194	Intermediate Inspectors and Examiners
	Accounts Clerk		Customs Inspector
	Credit Clerk		Taxation Inspector
	Cost Clerk		Social Security Assessor Motor Vehicle Licence Examiner
6142	Payroll Clerks		Transport Operations Inspector
	Payroll Clerk		Train Examiner
	Bank Workers		Water Inspector
6143			Intermediate Inspectors and Examiners
	Supervisor, Bank Workers		nec
	Bank Worker	6199	Other Intermediate Clerical Workers
6144	Insurance Clerks	6199-11	Proof Reader
	Supervisor, Insurance Clerks	6199-13	Debt Collector
	Insurance Clerk	6199-15	Mail Supervisor
6145	Money Market and Statistical Clerks	6199-17	Court Orderly
6145-01	Supervisor, Money Market and Statistical Clerks	6199-19	Bailiff or Sheriff
6145 11	Money Market Clerk	6199-21	Coding Clerk
	Statistical Clerk	6199-79	Intermediate Clerical Workers nec
615	MATERIAL RECORDING AND DESPATCHING CLERKS	62	INTERMEDIATE SALES AND RELATED WORKERS
6151	Production Recording Clerks	621	INTERMEDIATE SALES AND RELATED WORKERS
6151-11	Production Recording Clerk	0011	
6152	Transport and Despatching Clerks	6211	Sales Representatives
6152-01	Supervisor, Transport and Despatching Clerks		Sales Representative (Personal and Household Goods)
6152-11	Receiving and Despatching Clerk		Sales Representative (Business Services)
	Import-Export Clerk	6211-15	Sales Representative (Builder's and Plumber's Supplies)

6211-17	Sales Representative (Motor Vehicle Parts and Accessories)	6324-11	Hospitality Trainee
6211-79	Sales Representatives nec	639	MISCELLANEOUS INTERMEDIATE SERVICE WORKERS
6212	Motor Vehicle and Related Products	6391	Dental Assistants
	Salespersons	6391-11	Dental Assistant
	Motor Vehicle and Caravan Salesperson	6392	Veterinary Nurses
	Motor Vehicle Parts Interpreter	6392-11	Veterinary Nurse
6213	Retail and Checkout Supervisors	6393	Prison Officers
	Retail Supervisor		Prison Officer
6213-13	Checkout Supervisor	6394	Gaming Workers
63	INTERMEDIATE SERVICE		
	WORKERS		Gaming Pit Boss Gaming Table Supervisor
631	CARERS AND AIDES		Gaming Dealer
6311	Education Aides	6395	Personal Care Consultants
6311-11	Pre-School Aide		
6311-13	Integration Aide		Beauty Therapist
6311-15	Teachers' Aide		Natural Remedy Consultant
6311-17	Aboriginal and Torres Strait Islander		Weight Loss Consultant
	Education Worker	6396	Fitness Instructors and Related Workers
6312	Children's Care Workers	6396-11	Fitness Instructor
6312-11	Child Care Worker		Outdoor Adventure Leader
6312-13	Family Day Care Worker	6397	Travel and Tourism Agents
6312-15	Nanny		Travel Agent
6313	Special Care Workers		Tourist Information Officer
6313-11	Hostel Parent		Tour Guide
6313-13	Child or Youth Residential Care Assistant	6399	Other Intermediate Service Workers
	Refuge Worker		Museum or Gallery Attendant
	Aged or Disabled Person Carer		Driving Instructor
6313-19	Therapy Aide		Animal Attendant
6314	Personal Care and Nursing Assistants		Pest and Weed Controller
6314-11	Personal Care Assistant		Intermediate Service Workers nec
6314-13	Nursing Assistant	7	INTERMEDIATE PRODUCTION
632	HOSPITALITY WORKERS	,	AND TRANSPORT WORKERS
6321	Hotel Service Supervisors	71	INTERMEDIATE PLANT
6321-11	Hotel Service Supervisor	/1	OPERATORS
6322	Bar Attendants	711	MOBILE PLANT OPERATORS
	Supervisor, Bar Attendants	7111	Mobile Construction Plant Operators
6322-11	Bar Attendant		General Construction Plant Operator
6323	Waiters		Bulldozer Operator
	Supervisor, Waiters		Backhoe Operator
	General Waiter		Loader Operator
6323-13	Drink Waiter		Grader Operator
6324	Hospitality Trainees		Excavator Operator
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7111-23	Paving Plant Operator	7211-11	Sewing Machinist
7111-25	Road Roller Operator	7212	Textile and Footwear Production
7112	Forklift Drivers		Machine Operators
7112-11	Forklift Driver	7212-01	Supervisor, Textile and Footwear Production Machine Operators
7119	Other Mobile Plant Operators	7212-11	Yarn Carding and Spinning Machine
7119-11	Agricultural and Horticultural Mobile Plant	121211	Operator Operator
~ 110.10	Operator	7212-13	Weaving Machine Operator
7119-13	Railway Track Repair Mobile Plant Operator		Knitting Machine Operator
7119-15	Streetsweeper Operator	7212-17	Textile Dyeing and Finishing Machine Operator
	Logging Plant Operator	7919 ₋ 10	Hide and Skin Processing Machine
7119-79	Mobile Plant Operators nec	1212-13	Operator
712	INTERMEDIATE STATIONARY PLANT	7212-21	Footwear Production Machine Operator
	OPERATORS	7212-79	Textile and Footwear Production Machine
7121	Engine and Boiler Operators		Operators nec
7121-11	Engine or Boiler Operator	729	MISCELLANEOUS INTERMEDIATE MACHINE OPERATORS
7122	Crane, Hoist and Lift Operators	7901	
7122-11	Crane, Hoist or Lift Operator	7291	Plastics Production Machine Operators
7123	Engineering Production Systems Workers	7291-01	Operators
7123-01	Supervisor, Engineering Production	7291-11	General Plastics Production Machine
7120 01	Systems Workers	7291 ₋ 13	Operator Plastics Compounding and Reclamation
7123-11	Engineering Production Systems Worker	7201 10	Machine Operator
7124	Pulp and Paper Mill Operators	7291-15	Reinforced Plastic and Composite
7124-11	Pulp Mill Operator	7901 17	Production Worker Plastic Cablemaking Machine Operator
7124-13	Paper Mill Operator		Plastics Production Machine Operators ned
7129	Other Intermediate Stationary Plant	7291-73 7292	Rubber Production Machine Operators
7100.01	Operators		Supervisor, Rubber Production Machine
7129-01	Supervisor, Other Intermediate Stationary Plant Operators		Operators
	Railway Signal Operator		Tyre Production Machine Operator
	Train Controller		Rubber Production Machine Operators neo
	Concrete Pump Operator	7293	Chemical Production Machine Operators
	Cement Production Plant Operator	7903 01	Supervisor, Chemical Production Machine
	Concrete Batching Plant Operator	7233-01	Operators
	Water and Waste Water Plant Operator Bulk Materials Handling Plant Operator	7293-11	Chemical Production Machine Operator
	Intermediate Stationary Plant Operators	7294	Wood Processing Machine Operators
7120 70	nec	7294-01	Supervisor, Wood Processing Machine
72	INTERMEDIATE MACHINE		Operators
	OPERATORS	7294-11	Wood Processing Machine Operator
721	INTERMEDIATE TEXTILE, CLOTHING	7295	Paper Products Machine Operators
	AND RELATED MACHINE OPERATORS	7295-11	Paper Products Machine Operator
7211	Sewing Machinists	7296	Glass Production Machine Operators

7296-01	Supervisor, Glass Production Machine	7913-11	Scaffolder
7000 11	Operators Class Production Working Operators	7913-13	Steel Fixer
	Glass Production Machine Operator	7913-15	Structural Steel Erector
7297	Clay, Stone and Concrete Processing Machine Operators	7913-17	Construction Rigger
7297-01	Supervisor, Clay, Stone and Concrete	7914	Insulation and Home Improvements Installers
7907 11	Processing Machine Operators Clay Products Machine Operator	7914-11	Building Insulation Installer
	Stone Processing Machine Operator	7914-13	Home Improvements Installer
	Concrete Products Machine Operator	799	MISCELLANEOUS INTERMEDIATE
	Clay, Stone and Concrete Processing		PRODUCTION AND TRANSPORT WORKERS
	Machine Operators nec	7991	Motor Vehicle Parts and Accessories
7298	Photographic Developers and Printers	7991	Fitters
7298-11	Photographic Developer and Printer	7991-11	Motor Vehicle Parts and Accessories Fitter
7299	Other Intermediate Machine Operators	7992	Product Quality Controllers
	Industrial Spray Painter	7992-11	Product Examiner
7299-79	Intermediate Machine Operators nec	7992-13	Product Grader
73	ROAD AND RAIL TRANSPORT	7992-15	Product Tester
	DRIVERS	7993	Storepersons
731	ROAD AND RAIL TRANSPORT DRIVERS	7993-01	Supervisor, Storepersons
7311	Truck Drivers	7993-11	Storeperson
7311-11	Heavy Truck Driver	7994	Seafarers and Fishing Hands
7311-13	Furniture Removalist	7994-11	Seafarer
7312	Bus and Tram Drivers	7994-13	Fishing Hand
7312-11	Bus Driver	7995	Forestry and Logging Workers
7312-13	Tram Driver	7995-01	Supervisor, Forestry and Logging Workers
7313	Automobile Drivers	7995-11	Tree Faller
7313-11	Automobile Driver		Forestry Worker
7314	Delivery Drivers		Logging Assistant
7314-11	Delivery Driver	7996	Printing Hands
7315	Train Drivers and Assistants		Printing Table Hand
7315-11	Train Driver		Printer's Assistant
7315-13	Train Driver's Assistant	8	ELEMENTARY CLERICAL, SALES
79	OTHER INTERMEDIATE		AND SERVICE WORKERS
	PRODUCTION AND TRANSPORT	81	ELEMENTARY CLERKS
	WORKERS	811	ELEMENTARY CLERKS
791	INTERMEDIATE MINING AND CONSTRUCTION WORKERS	8111	Registry and Filing Clerks
7911	Miners	8111-11	Registry or Filing Clerk
7911-11		8112	Mail Sorting Clerks
7911 -11	Blasting Workers		Mail Clerk
		8112-13	Postal Sorting Officer
	Blasting Worker Structural Steel Construction Workers	8113	Switchboard Operators
7913	Structural Steel Construction Workers	8113-11	Switchboard Operator

8114	Messengers	8296	Service Station Attendants
8114-11	Courier	8296-11	Service Station Attendant
8114-13	Postal Delivery Officer	8297	Sales and Service Trainees
8115	Betting Clerks	8297-11	Sales and Service Trainee
8115-11	Betting Agency Counter Clerk	8299	Other Elementary Sales Workers
8115-13	Telephone Betting Clerk	8299-11	Rental Salesperson
8115-15	Bookmaker's Clerk	8299-13	Materials Recycler
8115-79	Betting Clerks nec	8299-79	Elementary Sales Workers nec
8116	Office Trainees	83	ELEMENTARY SERVICE
8116-11	Office Trainee		WORKERS
8119	Other Elementary Clerks	831	ELEMENTARY SERVICE WORKERS
8119-11	Meter Reader	8311	Guards and Security Officers
8119-13	Classified Advertising Clerk		Security Officer
8119-15	Interviewer		Armoured Car Escort
	Parking Inspector		Guards and Security Officers nec
8119-79	Elementary Clerks nec	8312	Ushers, Porters and Related Workers
82	ELEMENTARY SALES WORKERS		Ticket Collector or Usher
821	SALES ASSISTANTS		Luggage Porter or Doorperson
8211	Sales Assistants	8313	Domestic Housekeepers
8211-11	Sales Assistant (Food and Drink Products)	8313-11	Domestic Housekeeper
8211-13	Sales Assistant (Fabric, Clothing and Footwear)	8314	Caretakers
8211-15	Sales Assistant (Other Personal and	8314-11	Caretaker
0211 10	Household Goods)	8315	Laundry Workers
8211-17	Sales Assistant (Postal Services)	8315-11	Laundry Worker
8211-79	Sales Assistants nec	8319	Other Elementary Service Workers
829	MISCELLANEOUS ELEMENTARY SALES WORKERS		Railways Assistant
8291	Checkout Operators and Cashiers		Hair and Beauty Salon Assistant
	Checkout Operator		Sterilisation Technology Worker Car Park Attendant
	Office Cashier		Crossing Supervisor
8292	Ticket Salespersons		Trolley Collector
	Ticket Salespersons Ticket Seller		Leaflet and Newspaper Deliverer
	Transport Conductor		Examination Supervisor
8293	Street Vendors and Related Workers		Prostitute or Escort
			Elementary Service Workers nec
	Street Vendor	9	LABOURERS AND RELATED
	Cash Van Salesperson Door-to-Door Salesperson		WORKERS
8294	Telemarketers	91	CLEANERS
	Telemarketer		
8295	Sales Demonstrators and Models	911	CLEANERS
	Sales Demonstrator	9111	Cleaners
8295-11			Commercial Cleaner
0233-13	Model	9111-13	Domestic Cleaner

9111-15	Carpet Cleaner	9222-11	Packager and Container Filler
9111-17	Vehicle Cleaner	99	OTHER LABOURERS AND
9111-19	Window Cleaner		RELATED WORKERS
9111-79	Cleaners nec	991	MINING, CONSTRUCTION AND
92	FACTORY LABOURERS		RELATED LABOURERS
921	PROCESS WORKERS	9911	Mining Support Workers and Driller's Assistants
9211	Engineering Production Process Workers		Mining Support Worker
9211-11	Engineering Production Process Worker	9911-13	Driller's Assistant
9212	Product Assemblers	9912	Earthmoving Labourers
9212-11	Product Assembler	9912-11	Earthmoving Labourer
9213	Meat and Fish Process Workers	9913	Paving and Surfacing Labourers
9213-11	Meatworks Labourer	9913-11	Paving and Surfacing Labourer
	Meat Boner and Slicer	9914	Survey Hands
9213-15	Poultry Process Worker	9914-11	Survey Hand
9213-17	Fish Process Worker	9915	Railway Labourers
9214	Other Food Factory Hands	9915-11	Railway Labourer
9214-11	Food and Drink Processing Machine	9916	Construction and Plumber's Assistants
001440	Attendant	9916-11	Construction Assistant
	Baking Factory Hand	9916-13	Plumber's Assistant
	Dairy Factory Hand	9917	Concreters
	Fruit and Vegetable Factory Hand Food Products Millhand	9917-11	Concreter
		9918	Electrical and Telecommunications
9215	Food Factory Hands nec Wood Products Factory Hands		Trades Assistants
	Sawmill Labourer	9918-11	Electrical or Telecommunications Trades Assistant
	Timberyard Labourer	9919	Other Mining, Construction and
	Wood and Wood Products Factory Hand	0010	Related Labourers
	Pulp and Paper Mill General Hand	9919-11	Lagger
9219	Other Process Workers	9919-13	Crane Chaser
	Cement and Concrete Plant Labourer	9919-15	Fence Erector
	Clay Processing Factory Hand	992	AGRICULTURAL AND HORTICULTURAL
	Chemical Plant Labourer		LABOURERS
9219-17	Rubber and Plastics Factory Hand	9921	Farm Hands
9219-19	Hide and Skin Processing Labourer	9921-11	General Farm Hand
9219-21	Glass Processing Labourer		Fruit, Vegetable or Nut Farm Hand
9219-23	Fabric and Textile Factory Hand		Stud Hand or Stable Hand
9219-25	Footwear Factory Hand		Shearing Shed Hand
9219-79	Process Workers nec		Farm Hands nec
922	PRODUCT PACKAGERS	9922	Nursery and Garden Labourers
9221	Hand Packers		Horticultural Nursery Assistant
9221-11	Hand Packer		Garden Labourer
9222	Packagers and Container Fillers	9929	Other Agricultural and Horticultural Labourers

9929-11	Shooter-Trapper	9991-11	Garbage Collector
9929-13	Rural Trainee	9992	Freight and Furniture Handlers
9929-79	Agricultural and Horticultural Labourers	9992-11	Freight Handler (Road and Rail)
000		9992-13	Waterside Worker
993	ELEMENTARY FOOD PREPARATION AND RELATED WORKERS	9992-15	Truck Driver's Offsider
9931	Kitchenhands	9993	Handypersons
		9993-11	Handyperson
9931-11	Kitchenhand	9999	Other Miscellaneous Labourers and
9932	Fast Food Cooks	0000	Related Workers
9932-11	Fast Food Cook	9999-11	Vending Machine Attendant
9933	Food Trades Assistants	9999-13	Sign Erector
9933-11	Pastrycook's Assistant	9999-15	Mechanic's Assistant
9933-79	Food Trades Assistants nec	9999-17	Stormwater, Drainage and Sewerage
999	MISCELLANEOUS LABOURERS AND		System Labourer
	RELATED WORKERS	9999-79	Labourers and Related Workers nec
9991	Garbage Collectors		



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